

24/3/1 (Item 1 from file: 5)

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17625217 Biosis No.: 200300575894

**Obstructive sleep apnoea syndrome (OSAS) associated with chronic headache.**

**Author:** Mitsikostas Dimos (Reprint)

**Author Address:** Neurology Department, Athens Naval Hospital, Athens, Greece\*\*Greece

**Journal:** Cephalalgia 23 ( 7 ): p 669 September 2003 2003

**Medium:** print

**Conference/Meeting:** 11th Congress of the International Headache Society (IHC) Rome, Italy September 13-16, 2003; 20030913

**Sponsor:** International Headache Society

**ISSN:** 0333-1024

**Document Type:** Meeting; Meeting Poster; Meeting Abstract

**Record Type:** Citation

**Language:** English

24/3/2 (Item 2 from file: 5)

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17556888 Biosis No.: 200300512251

**SLEEP APNEA AND OPTIC NEUROPATHY**

**Author:** McHenry J G (Reprint)

**Author Address:** Ophthalmology, University of Texas Southwestern, Dallas, TX, USA\*\*USA

**Journal:** ARVO Annual Meeting Abstract Search and Program Planner 2003 p Abstract No. 625 2003 2003

**Medium:** cd-rom

**Conference/Meeting:** Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, FL, USA May 04-08, 2003; 20030504

**Sponsor:** Association for Research in Vision and Ophthalmology

**Document Type:** Meeting; Meeting Poster; Meeting Abstract

**Record Type:** Abstract

**Language:** English

24/3/3 (Item 3 from file: 5)

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17369652 Biosis No.: 200300327948

**The role of oral appliances in treating obstructive sleep apnea.**

**Author:** Mohsenin Neda; Mostofi Mina T; Mohsenin Vahid (Reprint)

**Author Address:** Yale Center for Sleep Medicine, Yale University School of Medicine, 40 Temple St., Suite 3C, New Haven, CT, 06510, USA\*\*USA

**Author E-mail Address:** vahid.mohsenin@yale.edu

**Journal:** Journal of the American Dental Association 134 ( 4 ): p 442-449 April 2003 2003

**Medium:** print

**ISSN:** 0002-8177\_ (ISSN print)

**Document Type:** Article; Literature Review

**Record Type:** Abstract

**Language:** English

24/3/4 (Item 4 from file: 5)

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17358770 Biosis No.: 200300317489

**Cluster headache associated with sleep apnoea.**

**Author:** Nobre M E (Reprint); Filho P F M; Dominici M

**Author Address:** Avenue. das Americas 1155, Sala 506, Barra da Tijuca, Rio de Janeiro, RJ, Brazil\*\*Brazil

**Author E-mail Address:** eduarda@imagelink.com.br

**Journal:** Cephalalgia 23 ( 4 ): p 276-279 May 2003 2003

**Medium:** print

**ISSN:** 0333-1024

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/5 (Item 5 from file: 5)

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17213487 Biosis No.: 200300172206

**[Do you really know sleep apnea in obese patients?]**

**Original Language Title:** Connaissez-vous vraiment l'apnee du sommeil chez le sujet obese?

**Author:** Quilliot D; Petit F-X; Cornette A; Ziegler O (Reprint)

**Author Address:** Service de Diabetologie, Maladies Metaboliques et Nutrition, Centre Hospitalier Universitaire de Nancy, Hopital Jeanne-d'Arc, Dommartin-les-Toul, 54201, BP 303, Toul Cedex, France\*\*France

**Author E-mail Address:** o.ziegler@chu-nancy.fr

**Journal:** Annales d'Endocrinologie 63 ( 6 Cahier 2 ): p 3S38-3S51 December 2002 2002

**Medium:** print

**ISSN:** 0003-4266

**Document Type:** Article; Literature Review

**Record Type:** Abstract

**Language:** French

24/3/6 (Item 6 from file: 5)

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17179298 Biosis No.: 200300138017

**Rigid spine syndrome with chronic respiratory failure.**

**Author:** Yang Mei-Chen; Chu Chun-Che; Chern Ming-Shyan; Chen Ning-Hung; Chuang Ming-Lung (Reprint)

**Author Address:** Division of Pulmonary and Critical Care Medicine, Chang Gung Memorial Hospital, 5 Fu Hsin Street, Kwei Hsan, Taoyuan, Taiwan\*\*Taiwan

**Journal:** Journal of the Formosan Medical Association 101 ( 9 ): p 650-654 September 2002 2002

**Medium:** print

**ISSN:** 0929-6646

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/7 (Item 7 from file: 5)

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17174671 Biosis No.: 200300133390

**Neuropsychological changes and treatment compliance in older adults with sleep apnea.**

**Author:** Aloia Mark S (Reprint); Ilniczky Nora; Di Dio Pasquelina; Perlis Michael L; Greenblatt Donald W; Giles Donna E

**Author Address:** Butler Hospital, 345 Blackstone Boulevard, Duncan Building, Providence, RI, 02906, USA\*\*USA

**Author E-mail Address:** markaloia@brown.edu

**Journal:** Journal of Psychosomatic Research 54 ( 1 ): p 71-76 January 2003 2003

**Medium:** print

**ISSN:** 0022-3999 \_(ISSN print)

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/8 (Item 8 from file: 5)

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16960158 Biosis No.: 200200553669

**Epilepsy, EEG abnormalities, and sleep pattern in Mitochondrial Encephalomyopathies**

**Author:** Della Marca Giacomo (Reprint); Paciello Nicola (Reprint); Vollono Catello (Reprint); D'Amico Adele (Reprint); Silvestri Gabriella (Reprint); Mazza Salvatore (Reprint); Mennuni Gioacchino F (Reprint); Tonali Pietro A (Reprint); Servidei Serenella (Reprint).

**Author Address:** Rome, Italy\*\*Italy

**Journal:** Neurology 58 ( 7 Supplement 3 ): p A257 April 9, 2002 2002

**Medium:** print

**Conference/Meeting:** 54th Annual Meeting of the American Academy of Neurology Denver, Colorado, USA April 13-20, 2002; 20020413

**ISSN:** 0028-3878

**Document Type:** Meeting; Meeting Abstract

**Record Type:** Citation

**Language:** English

24/3/9 (Item 9 from file: 5)

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16955090 Biosis No.: 200200548601

**Medical literature implies continuous positive airway pressure might be appropriate treatment for irritable bowel syndrome**

**Author:** Herr Joseph R (Reprint)

**Author Address:** 2109 Granite Dr, Alamo, CA, 94507-1602, USA\*\*USA

**Journal:** Chest 122 ( 3 ): p 1107 September, 2002 2002

**Medium:** print

**ISSN:** 0012-3692

**Document Type:** Letter

**Record Type:** Citation

**Language:** English

24/3/10 (Item 10 from file: 5)

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16857227 Biosis No.: 200200450738

**Relationship between sleep apnoea syndrome, snoring and headaches**

**Author:** Neau J-P (Reprint); Paquereau J; Bailbe M; Meurice J-C; Ingrand P; Gil R

**Author Address:** Department of Neurology, CHU La Milettrie, 86021, Poitiers, France\*\*France

**Journal:** Cephalalgia 22 ( 5 ): p 333-339 June, 2002 2002

**Medium:** print

**ISSN:** 0333-1024

**Document Type:** Article

**Record Type:** Abstract



**Language:** English

24/3/11 (Item 11 from file: 5)

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16656494 Biosis No.: 200200250005

**Sleep structure correlates of continuous positive airway pressure variations during application of an autotitrating continuous positive airway pressure machine in patients with obstructive sleep apnea syndrome**

**Author:** Marrone Oreste (Reprint); Insalaco Giuseppe; Bonsignore Maria Rosaria; Romano Salvatore; Salvaggio Adriana; Bonsignore Giovanni

**Author Address:** Istituto di Fisiopatologia Respiratoria, C. N. R., Via Ugo La Malfa, 153, 90146, Palermo, Italy\*\*Italy

**Journal:** Chest 121 ( 3 ): p 759-767 March, 2002 2002

**Medium:** print

**ISSN:** 0012-3692

**Document Type:** Article

**Record Type:**

Abstract

**Language:** English

24/3/12 (Item 12 from file: 5)

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16592659 Biosis No.: 200200186170

**Resolution of dyshidrotic dermatitis of the hand after treatment with continuous positive airway pressure for obstructive sleep apnea**

**Author:** Matin Abul; Bliwise Donald L (Reprint); Wellman James J; Ewing Heta Ann; Rasmuson Pam

**Author Address:** Sleep Disorders Center, Emory University School of Medicine, WMRB 6000, Atlanta, GA, 30322, USA\*\*USA

**Journal:** Southern Medical Journal 95 ( 2 ): p 253-254 February, 2002 2002

**Medium:** print

**ISSN:** 0038-4348

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/13 (Item 13 from file: 5)

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16484477 Biosis No.: 200200077988

**Modafinil as adjunct therapy for daytime sleepiness in obstructive sleep apnea**

**Author:** Pack Allan I (Reprint); Black Jed E; Schwartz Jonathan R L; Matheson Jean K

**Author Address:** Center for Sleep and Respiratory Neurobiology, University of Pennsylvania, 3600 Spruce Street, Philadelphia, PA, 19104, USA\*\*USA

**Journal:** American Journal of Respiratory and Critical Care Medicine 164 ( 9 ): p 1675-1681 November 1, 2001 2001

**Medium:** print

**ISSN:** 1073-449X

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/14 (Item 14 from file: 5)

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16229924 Biosis No.: 200100401763

**Noninvasive pressure preset ventilation for the treatment of Cheyne-Stokes respiration during sleep**

**Author:** Willson G N (Reprint); Wilcox I; Piper A J; Flynn W E; Norman M; Grunstein R R; Sullivan C E

**Author Address:** Sleep Disorders Unit, Royal Prince Alfred Hospital, Missenden Road, Camperdown, NSW, 2050, Australia\*\*Australia

**Journal:** European Respiratory Journal 17 ( 6 ): p 1250-1257 June, 2001 2001

**Medium:** print

**ISSN:** 0903-1936

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/15 (Item 15 from file: 5)

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15997469 Biosis No.: 200100169308

**Respiratory disorders during sleep in patients with epilepsy: Effect of ventilatory therapy on EEG interictal epileptiform discharges**

**Author:** Oliveira Andrea J; Zamagni Monica; Dolso Pierluigi; Bassetti Maria Antonietta; Gigli Gian Luigi (Reprint)

**Author Address:** Department of Neuroscienze, Ospedale S. M. della Misericordia, 33100, Udine, Italy\*\*Italy

**Journal:** Clinical Neurophysiology 111 ( Suppl. 2 ): p S141-S145 September, 2000 2000

**Medium:** print

ISSN: 1388-2457

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/16 (Item 16 from file: 5)

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15455027 Biosis No.: 200000173340

**Importance of sleep restoration in co-morbid disease: Effect of anticonvulsants**

**Author:** Ehrenberg Bruce (Reprint)

**Author Address:** Department of Neurology, New England Medical Center, 750 Washington Street, Boston, MA, 02111, USA\*\*USA

**Journal:** Neurology 54 ( 5 Suppl. 1 ): p S33-S37 March, 2000 2000

**Medium:** print

ISSN: 0028-3878

**Document Type:** Article; Literature Review

**Record Type:** Abstract

**Language:** English

24/3/17 (Item 17 from file: 5)

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15321864 Biosis No.: 200000040177

**Obstructive sleep apnoea in a puerperal patient with Hallermann-Streiff syndrome**

**Author:** Shiomi T; Guillemineault C (Reprint); Izumi H; Yamada S; Murata K; Kobayashi T

**Author Address:** Sleep Disorders Center, 701 Welch Rd, Suite 2226, Palo Alto, CA, 94304, USA \*\*USA

**Journal:** European Respiratory Journal 14 ( 4 ): p 974-977 Oct., 1999 1999

**Medium:** print

ISSN: 0903-1936

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/18 (Item 18 from file: 5)

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15201068 Biosis No.: 199900460728

**Sleep apnea syndrome**

**Author:** Arnulf Isabelle (Reprint); Derenne Jean-Philippe  
**Author Address:** Service de pneumologie et explorations fonctionnelles respiratoires, Hopital Pitie-Salpetriere, 47-83, boulevard de l'Hopital, 75651, Paris Cedex, 13, France\*\*France  
**Journal:** M-S (Medecine Sciences) 15 ( 6-7 ): p 807-814 June-July, 1999 1999  
**Medium:** print  
**ISSN:** 0767-0974  
**Document Type:** Article; Literature Review  
**Record Type:** Abstract  
**Language:** French

24/3/19 (Item 19 from file: 5)

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15177582 Biosis No.: 199900437242

**Do patients with obstructive sleep apnea wake up with headaches?**

**Author:** Loh N K; Dinner D S (Reprint); Foldvary N; Skobieranda F; Yew W W  
**Author Address:** Section of Epilepsy and Sleep Disorders Center, Desk S-51, Department of Neurology, Cleveland Clinic Foundation, 9500 Euclid Ave, Cleveland, OH, 44195, USA\*\*USA  
**Journal:** Archives of Internal Medicine 159 ( 15 ): p 1765-1768 Aug. 9-23, 1999 1999  
**Medium:** print  
**ISSN:** 0003-9926  
**Document Type:** Article  
**Record Type:** Abstract  
**Language:** English

24/3/20 (Item 20 from file: 5)

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15074782 Biosis No.: 199900334442

**Subjective efficacy of nasal CPAP therapy in obstructive sleep apnoea syndrome: A prospective controlled study**

**Author:** Kiely J L; Murphy M; McNicholas W T (Reprint)  
**Author Address:** Dept of Respiratory Medicine, St Vincent's University Hospital, Elm Park, Dublin, 4, Ireland\*\*Ireland  
**Journal:** European Respiratory Journal 13 ( 5 ): p 1086-1090 May, 1999 1999  
**Medium:** print  
**ISSN:** 0903-1936  
**Document Type:** Article  
**Record Type:** Abstract

**Language:** English

24/3/21 (Item 21 from file: 5)

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15073775 Biosis No.: 199900333435

**Health status in obstructive sleep apnea: Relationship with sleep fragmentation and daytime sleepiness, and effects of continuous positive airway pressure treatment**

**Author:** Bennett Lesley S (Reprint); Barbour Charles; Langford Beverley; Stradling John R; Davies Robert JO

**Author Address:** The Osler Chest Unit, Churchill Hospital, Headington, Oxford, OX3 7LJ, UK\*\* UK

**Journal:** American Journal of Respiratory and Critical Care Medicine 159 ( 6 ): p 1884-1890 June, 1999 1999

**Medium:** print

**ISSN:** 1073-449X

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/22 (Item 22 from file: 5)

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14844127 Biosis No.: 199900103787

**Quality of life in patients with obstructive sleep apnea: Effect of nasal continuous positive airway pressure: A prospective study**

**Author:** D'Ambrosio Carolyn; Bowman Teri; Mohsenin Vahid (Reprint)

**Author Address:** 333 Cedar Street, New Haven, CT 06520, USA\*\*USA

**Journal:** Chest 115 ( 1 ): p 123-129 Jan., 1999 1999

**Medium:** print

**ISSN:** 0012-3692

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/23 (Item 23 from file: 5)

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14693981 Biosis No.: 199800488228

**Sleep fragmentation indices as predictors of daytime sleepiness and nCPAP response in obstructive sleep apnea**

**Author:** Bennett Lesley S (Reprint); Langford Beverly A; Stradling John R; Davies Robert J O  
**Author Address:** Osler Chest Unit, Churchill Hosp., Headington, Oxford OX3 7LJ, UK\*\*UK  
**Journal:** American Journal of Respiratory and Critical Care Medicine 158 ( 3 ): p 778-786 Sept., 1998 1998  
**Medium:** print  
**ISSN:** 1073-449X  
**Document Type:** Article  
**Record Type:** Abstract  
**Language:** English

24/3/24 (Item 24 from file: 5)

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14689658 Biosis No.: 199800483905

**Sleep fragmentation and daytime vigilance in patients with OSA treated by surgical maxillomandibular advancement compared to CPAP therapy**

**Author:** Conradt R (Reprint); Hochban W; Heitmann J; Brandenburg U; Cassel W; Penzel T; Peter J H  
**Author Address:** Klinikum Philipps Univ., Zentrum Innere Med., Schlafmedizinisches Labor, D-35033 Marburg, Germany\*\*Germany  
**Journal:** Journal of Sleep Research 7 ( 3 ): p 217-223 Sept., 1998 1998  
**Medium:** print  
**ISSN:** 0962-1105  
**Document Type:** Article  
**Record Type:** Abstract  
**Language:** English

24/3/25 (Item 25 from file: 5)

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14559975 Biosis No.: 199800354222

**Cognitive executive dysfunction in patients with obstructive sleep apnea syndrome (OSAS) after CPAP treatment**

**Author:** Naegele Bernadette; Pepin Jean-Louis; Levy Patrick; Bonnet Catherine; Pellat Jacques; Feuerstein Claude (Reprint)  
**Author Address:** Pavillon Neurol., CHU, BP 217, F-38043 Grenoble cedex 09, France\*\*France  
**Journal:** Sleep (Rochester) 21 ( 4 ): p 392-397 June 15, 1998 1998  
**Medium:** print  
**ISSN:** 0161-8105  
**Document Type:** Article  
**Record Type:** Abstract  
**Language:** English

24/3/26 (Item 26 from file: 5)

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14256951 Biosis No.: 199800051198

**Polysomnographic studies in amyotrophic lateral sclerosis**

**Author:** David William S (Reprint); Bundlie Scott R; Mahdavi Zohreh

**Author Address:** Dep. Neurol., Hennepin County Med. Cent., 701 Park Ave. South, Minneapolis, MN 55415, USA\*\*USA

**Journal:** Journal of the Neurological Sciences 152 ( SUPPL. ); p S29-S35 Oct., 1997 1997

**Medium:** print

**ISSN:** 0022-510X

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/27 (Item 27 from file: 5)

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14173347 Biosis No.: 199799807407

**Nocturnal respiratory failure as an indication of noninvasive ventilation in the patient with neuromuscular disease**

**Author:** Barthlen Gabriele M

**Author Address:** Schlaflabor, Robert-Koch Klinik, Universitaetsklin. Freiburg, Hugstetterstrasse 55, D-79106 Freiburg, Germany\*\*Germany

**Journal:** Respiration 64 ( SUPPL. 1 ); p 35-38 1997 1997

**ISSN:** 0025-7931

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/28 (Item 28 from file: 5)

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14172257 Biosis No.: 199799806317

**Comparison of three measures of quality of life outcome in the evaluation of continuous positive airways pressure therapy for sleep apnoea**

**Author:** Jenkinson Crispin (Reprint); Stradling John; Petersen Sophie  
**Author Address:** Health Serv. Res. Unit, Univ. Oxford, Inst. Health Sci., Headington, Oxford OX3 7LF, UK\*\*UK  
**Journal:** Journal of Sleep Research 6 ( 3 ): p 199-204 1997 1997  
**ISSN:** 0962-1105  
**Document Type:** Article  
**Record Type:** Abstract  
**Language:** English

24/3/29 (Item 29 from file: 5)

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13876250 Biosis No.: 199799510310

**Auto CPAP in the treatment of sleep apnea hypopnea syndrome**

**Author:** Series F

**Author Address:** Centre Pneumol., Hopital Laval, 2725 Chemin Sainte Foy, Sainte Foy, PQ G1V 4G5, Canada\*\*Canada

**Journal:** Sleep (Rochester) 19 ( 10 SUPPL. ): p S281-S283 1996 1996

**ISSN:** 0161-8105

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/30 (Item 30 from file: 5)

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13428741 Biosis No.: 199699062801

**A crossover study comparing the efficacy of continuous positive airway pressure with anterior mandibular positioning devices on patients with obstructive sleep apnea**

**Author:** Clark Glenn T (Reprint); Blumenfeld Israel; Yoffe Naama; Peled Eli; Lavie Peretz

**Author Address:** Dep. Diagnostic Sci. Orofacial Pain, Sch. Dentistry, Univ. California, Los Angeles, CA, USA\*\*USA

**Journal:** Chest 109 ( 6 ): p 1477-1483 1996 1996

**ISSN:** 0012-3692

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/31 (Item 31 from file: 5)

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13312823 Biosis No.: 199698780656

**A placebo-controlled trial of prostacyclin in acute respiratory failure in COPD**

**Author:** Archer Stephen L (Reprint); Mike Debra; Crow James; Long Walker; Weir E Kenneth

**Author Address:** Minneapolis VA Medical Center, One Veterans Drive, Minneapolis, MN 55417, USA\*\*USA

**Journal:** Chest 109 ( 3 ): p 750-755 1996 1996

**ISSN:** 0012-3692

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/32 (Item 32 from file: 5)

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13188901 Biosis No.: 199698656734

**Sleep apnea after 1 year domiciliary nasal-continuous positive airway pressure and attempted weight reduction: Potential for weaning from continuous positive airway pressure**

**Author:** Nosedá Andre (Reprint); Kempnaers Chantal; Kerkhofs Myriam; Houben Jean-Jacques; Linkowski Paul

**Author Address:** Chest Department, Sleep Laboratory, Hopital Erasme, Université Libre Bruxelles, Brussels, Belgium\*\*Belgium

**Journal:** Chest 109 ( 1 ): p 138-143 1996 1996

**ISSN:** 0012-3692

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/33 (Item 33 from file: 5)

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13133479 Biosis No.: 199698601312

**Management of sleep apnoea syndrome**

**Author:** Liistro G; Aubert G; Rodenstein D O (Reprint)

**Author Address:** Service de Pneumologie, Cliniques Saint Luc, Av. Hippocrate 10, 1200 Brussels, Belgium\*\*Belgium

**Journal:** European Respiratory Journal 8 ( 10 ): p 1751-1755 1995 1995

**ISSN:** 0903-1936

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/34 (Item 34 from file: 5)

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13038141 Biosis No.: 199598505974

**A familial awake movement disorder mimicking restless legs in a sleep apnea patient**

**Author:** Yamashiro Yoshihiro; Chodirker Bernard N; Hobson Douglas; Kryger Meir H (Reprint)

**Author Address:** Sleep Res. Lab., St. Boniface General Hosp., 351 Tach Ave., Winnipeg, MB R2H2A6, Canada\*\*Canada

**Journal:** Sleep (Rochester) 18 ( 7 ): p 604-607 1995 1995

**ISSN:** 0161-8105

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/35 (Item 35 from file: 5)

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12942433 Biosis No.: 199598410266

**Arousal, increased respiratory efforts, blood pressure and obstructive sleep apnoea**

**Author:** Guilleminault Christian; Stoohs Riccardo

**Author Address:** Stanford Sleep Disorders Cent., 701 Welch Road, Suite 2226, Palo Alto, CA 94305, USA\*\*USA

**Journal:** Journal of Sleep Research 4 ( SUPPL. 1 ): p 117-124 1995 1995

**ISSN:** 0962-1105

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/36 (Item 36 from file: 5)

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12820919 Biosis No.: 199598288752

**Effects of nasal continuous positive airway pressure on apnoea index and sleep in infants**

**Author:** McNamara F; Harris M-A; Sullivan C E (Reprint)

**Author Address:** David Reed Lab., Dep. Med., Univ. Sydney, NSW 2006, Australia\*\*Australia

**Journal:** Journal of Paediatrics and Child Health 31 ( 2 ): p 88-94 1995 1995

**ISSN:** 1034-4810

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/37 (Item 37 from file: 5)

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12805141 Biosis No.: 199598272974

**Prolactin secretion during sleep in obstructive sleep apnoea patients**

**Author:** Spiegel K (Reprint); Follenius M; Krieger J; Sforza E; Brandenberger G

**Author Address:** CNRS, 21 rue Becquerel, 67087 Strasbourg Cedex, France\*\*France

**Journal:** Journal of Sleep Research 4 ( 1 ): p 56-62 1995 1995

**ISSN:** 0962-1105

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/38 (Item 38 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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12614869 Biosis No.: 199598082702

**Caffeine as an analgesic adjuvant in tension headache**

**Author:** Migliardi Joseph R; Armellino Joseph J (Reprint); Friedman Michael; Gillings Dennis B; Beaver William T

**Author Address:** Bristol-Myers Products, 1350 Liberty Ave., Hillside, NJ 07205, USA\*\*USA

**Journal:** Clinical Pharmacology and Therapeutics 56 ( 5 ): p 576-586 1994 1994

**ISSN:** 0009-9236

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/39 (Item 39 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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11953603 Biosis No.: 199396118019

**Continuous positive airway pressure treatment: Effects on growth hormone, insulin and glucose profiles in obstructive sleep apnea patients**

**Author:** Saini J (Reprint); Krieger J; Brandenberger G; Wittersheim G; Simon C; Follenius M

**Author Address:** CNRS/INRS-LPPE 21, rue Becquerel, F-67087 Strasbourg Cedex, France\*\*France

**Journal:** Hormone and Metabolic Research 25 ( 7 ): p 375-381 1993

**ISSN:** 0018-5043

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/40 (Item 40 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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11940558 Biosis No.: 199396104974

**Additional categories of sleep-related eating disorders and the current status of treatment**

**Author:** Schenck Carlos H (Reprint); Hurwitz Thomas D; O'Connor Kevin A; Mahowald Mark W

**Author Address:** Minn. Reg. Sleep Disorders Cent., Hennepin Cty. Med. Cent., 701 Park Ave. South, Minneapolis, MN 55415, USA\*\*USA

**Journal:** Sleep (Rochester) 16 ( 5 ): p 457-466 1993

**ISSN:** 0161-8105

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/41 (Item 41 from file: 5)

Fulltext available through: [Nature American, Inc. \(Publisher Group\)](#) [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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11870854 Biosis No.: 199396035270

**Sleep disordered breathing in ESRD: Acute beneficial effects of treatment with nasal continuous positive airway pressure**

**Author:** Pressman Mark R (Reprint); Benz Robert L; Schleifer Charles R; Peterson Donald D

**Author Address:** Sleep Disorders Cent., Lankenau Hosp. Med. Res. Cent., 100 Lancaster Ave., Wynnewood, PA 19096, USA\*\*USA

**Journal:** Kidney International 43 ( 5 ): p 1134-1139 1993

**ISSN:** 0085-2538

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/42 (Item 42 from file: 5)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

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11765727 Biosis No.: 199395067993

**Nasal CPAP continues to improve sleep-disordered breathing and daytime oxygenation over long-term follow-up of occlusive sleep apnea syndrome**

**Author:** Leech Judith A (Reprint); Onal Ergun; Lopata Melvin

**Author Address:** Div. Respiriology, Ottawa Civic Hosp., Ottawa, Ontario, Canada K1Y 4E9, canada\*\*canada

**Journal:** Chest 102 ( 6 ): p 1651-1655 1992

**ISSN:** 0012-3692

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

24/3/43 (Item 43 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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11367316 Biosis No.: 199294069157

**DAYTIME SLEEPINESS AFTER LONG-TERM CONTINUOUS POSITIVE AIRWAY PRESSURE CPAP TREATMENT IN OBSTRUCTIVE SLEEP APNEA SYNDROME**

**Author:** SFORZA E (Reprint); KRIEGER J

**Author Address:** SERVICE EXPLORATIONS FONCTIONNELLES DU SYSTEME NERVEUX, CHU, F-67091 STRASBOURG CEDEX, FR\*\*FRANCE

**Journal:** Journal of the Neurological Sciences 110 ( 1-2 ): p 21-26 1992

**ISSN:** 0022-510X

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

24/3/44 (Item 44 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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10848046 Biosis No.: 199192093817

**OBSTRUCTIVE SLEEP APNEA TREATMENT PERIPHERAL AND CENTRAL EFFECTS ON PLASMA RENIN ACTIVITY AND ALDOSTERONE**

**Author:** FOLLENIUS M (Reprint); KRIEGER J; KRAUTH M O; SFORZA F; BRANDENBERGER G

**Author Address:** LPPE, CNRS/INRS, 21 RUE BECQUEREL, 67087 STRASBOURG CEDEX, FRANCE\*\*FRANCE

**Journal:** Sleep (Rochester) 14 ( 3 ): p 211-217 1991

**ISSN:** 0161-8105

**Document Type:** Article

**Record Type:** Abstract  
**Language:** ENGLISH

24/3/45 (Item 45 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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10741914 Biosis No.: 199191124805

**RESPONSE TO CPAP AND UPPP IN APNEA**

**Author:** ZORICK F J (Reprint); ROEHRS T; CONWAY W; POTTS G; ROTH T

**Author Address:** SLEEP DISORDERS RES CENT, HENRY FORD HOSP, 2921 W GRAND BLVD, NEW CENTER PAVILION, DETROIT, MICH 48202, USA\*\*USA

**Journal:** Henry Ford Hospital Medical Journal 38 ( 4 ): p 223-226 1990

**ISSN:** 0018-0416

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

24/3/46 (Item 46 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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10295869 Biosis No.: 199090080348

**SLEEP APNEA SYNDROMES**

**Author:** KRIEGER J (Reprint)

**Author Address:** SERV D'EXPLORATIONS FONCTIONELLES DU SYSTEME NERVEUX, CHU, 67091 STRASBOURG CEDEX\*\*FRANCE

**Journal:** Comptes Rendus des Seances de la Societe de Biologie et de ses Filiales 183 ( 5 ): p 428-436 1989

**ISSN:** 0037-9026

**Document Type:** Article

**Record Type:** Abstract

**Language:** FRENCH

24/3/47 (Item 47 from file: 5)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

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10238134 Biosis No.: 199090022613

**CHEYNE-STOKES RESPIRATION PRESENTING AS SLEEP APNEA SYNDROME CLINICAL AND POLYSOMNOGRAPHIC FEATURES**

**Author:** DOWDELL W T (Reprint); JAVAHERI S; MCGINNIS W

**Author Address:** PULMONARY SECT, DEP VETERANS AFFAIRS MED CENT, 3200 VINE ST,  
CINCINNATI, OHIO 45220, USA\*\*USA

**Journal:** American Review of Respiratory Disease 141 ( 4 PART 1 ): p 871-879 1990

**ISSN:** 0003-0805

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

24/3/48 (Item 48 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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10214545 Biosis No.: 199089132436

**PRELIMINARY FINDINGS IN THE TREATMENT OF OBSTRUCTIVE SLEEP APNEA WITH  
TRANSTRACHEAL OXYGEN**

**Author:** CHAUNCEY J B (Reprint); ALDRICH M S

**Author Address:** DIV PULMONARY MED, DEP INTERNAL MED, B1H272/0360 UNIVERSITY MICHIGAN  
MED CENTER, 1500 EAST MEDICAL CENTER DRIVE, ANN ARBOR, MICH 48109-0360, USA\*\* USA

**Journal:** Sleep (Rochester) 13 ( 2 ): p 167-174 1990

**ISSN:** 0161-8105

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

24/3/49 (Item 49 from file: 5)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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10125521 Biosis No.: 199089043412

**RECOVERY OF ALERTNESS AFTER CPAP IN APNEA**

**Author:** LAMPHERE J (Reprint); ROEHRS T; WITTIG R; ZORICK F; CONWAY W A; ROTH T

**Author Address:** SLEEP CENT, HENRY FORD HOSP, DETROIT 48224

**Journal:** Chest 96 ( 6 ): p 1364-1367 1989

**ISSN:** 0012-3692

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

24/3/50 (Item 50 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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09798881 Biosis No.: 198988113996

**CURE OF SLEEP APNEA SYNDROME AFTER LONG-TERM NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE THERAPY AND WEIGHT LOSS**

**Author:** AUBERT-TULKENS G (Reprint); CULEE C; RODENSTEIN D O

**Author Address:** UNITE D'EXPLORATIONS ELECTROPHYSIOL SYST NERVEUX, NEFY/5449, CLINIQUES UNIV ST LUC, AVE HIPPOCRATE 10, B-1200 BRUXELLES, BELG\*\*BELGIUM

**Journal:** Sleep (Rochester) 12 ( 3 ): p 216-222 1989

**ISSN:** 0161-8105

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

\*\*\*\*\*

25/3,K/1 (Item 1 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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17179298 Biosis No.: 200300138017

**Rigid spine syndrome with chronic respiratory failure.**

**Author:** Yang Mei-Chen; Chu Chun-Che; Chern Ming-Shyan; Chen Ning-Hung; Chuang Ming-Lung (Reprint)

**Author Address:** Division of Pulmonary and Critical Care Medicine, Chang Gung Memorial Hospital, 5 Fu Hsin Street, Kwei Hsan, Taoyuan, Taiwan\*\*Taiwan

**Journal:** Journal of the Formosan Medical Association 101 ( 9 ): p 650-654 September 2002 2002

**Medium:** print

**ISSN:** 0929-6646

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...RSS was diagnosed based on myopathic findings and clinical presentation. Nocturnal chronic respiratory failure and **fragmented sleep** developed. He was **treated** with continuous **positive airway pressure** and had recovered his normal daily activity by 1-year follow-up. We suggest that patients with RSS should be assessed for possible ventilatory, failure; **treatment** with nasal continuous **positive airway pressure** or bi-level continuous **positive airway pressure therapy** should be considered.

25/3,K/2 (Item 2 from file: 5)

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16229924 Biosis No.: 200100401763

**Noninvasive pressure preset ventilation for the treatment of Cheyne-Stokes respiration during sleep**

**Author:** Willson G N (Reprint); Wilcox I; Piper A J; Flynn W E; Norman M; Grunstein R R; Sullivan C E

**Author Address:** Sleep Disorders Unit, Royal Prince Alfred Hospital, Missenden Road, Camperdown, NSW, 2050, Australia\*\*Australia

**Journal:** European Respiratory Journal 17 ( 6 ): p 1250-1257 June, 2001 2001

**Medium:** print

**ISSN:** 0903-1936

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...during sleep is common in patients with congestive heart failure (CHF). This pattern of breathing **fragments sleep**, leading to daytime symptoms of sleepiness and fatigue. It was hypothesized that by controlling CSR with noninvasive pressure preset ventilation (NPPV), there would be a decrease in **sleep fragmentation** and an improvement in **sleep quality**. Nine patients (eight males, one female; mean+-SD 65+-11 yrs) with symptomatic CSR... ..acclimatization to NPPV (variable positive airway pressure (VPAP) II STTM, Sydney, NSW, Australia and bilevel **positive airway pressure** (BiPAP)TM, Murrysville, PA, USA), sleep studies were repeated on **therapy**. NPPV almost completely abolished CSR in all patients with a reduction in AHI from 49... ..heart failure in those patients who do not respond or fail to tolerate nasal continuous **positive airway pressure therapy**.

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes:** ...sleep fragmentation;

25/3,K/3 (Item 3 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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14256951 Biosis No.: 199800051198

**Polysomnographic studies in amyotrophic lateral sclerosis**

**Author:** David William S (Reprint); Bundlie Scott R; Mahdavi Zohreh

**Author Address:** Dep. Neurol., Hennepin County Med. Cent., 701 Park Ave. South, Minneapolis, MN 55415, USA\*\*USA

**Journal:** Journal of the Neurological Sciences 152 ( SUPPL. ): p S29-S35 Oct., 1997 1997

**Medium:** print

**ISSN:** 0022-510X

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...pulmonary function tests (PFTs), presenting complaints, presence of bulbar dysfunction, and response to bi-level **positive airway pressure (PAP) treatment**. PSG revealed abnormalities in 16 patients. Complaints of orthopnea, daytime sleepiness (but not morning **headaches**) and a low negative inspiratory force (NIF) correlated with sleep disruption. However, neither the forced... ..capacity (FVC) nor the NIF reliably predicted any specific

PSG finding. Twelve of 13 patients **treated** with bi-level **PAP** responded favorably. Since the response to bi-level PAP is frequently gratifying, PSG should strongly...

25/3,K/4 (Item 4 from file: 5)

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14173347 Biosis No.: 199799807407

**Nocturnal respiratory failure as an indication of noninvasive ventilation in the patient with neuromuscular disease**

**Author:** Barthlen Gabriele M

**Author Address:** Schlaflabor, Robert-Koch Klinik, Universitaetsklin. Freiburg, Hugstetterstrasse 55, D-79106 Freiburg, Germany\*\*Germany

**Journal:** Respiration 64 ( SUPPL. 1 ): p 35-38 1997 1997

**ISSN:** 0025-7931

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...Diagnosis of obstructive, central and mixed apneas, hypopneas, and hypoventilation is best made using polysomnography. **Therapeutic** options include noninvasive ventilation such as continuous **positive airway pressure**, bilevel positive airway pressure, intermittent positive pressure ventilation and, rarely, tracheostomy, oxygen, or protriptyline. Evaluation... ...intermittent snoring or breathing, orthopnea, cyanosis, restlessness, and insomnia. Daytime symptoms may include morning drowsiness, **headaches** and excessive daytime sleepiness. Polycythemia, hypertension, and signs of heart failure may also be seen...

25/3,K/6 (Item 6 from file: 5)

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12820919 Biosis No.: 199598288752

**Effects of nasal continuous positive airway pressure on apnoea index and sleep in infants**

**Author:** McNamara F; Harris M-A; Sullivan C E (Reprint)

**Author Address:** David Reed Lab., Dep. Med., Univ. Sydney, NSW 2006, Australia\*\*Australia

**Journal:** Journal of Paediatrics and Child Health 31 ( 2 ): p 88-94 1995 1995

**ISSN:** 1034-4810

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** Objective: We examined the effectiveness of nasal continuous **Positive airway pressure (CPAP)** for **treatment** of sleep apnoea in infants. Methodology: We studied five infants who all had significant central and mixed apnoea and severe **sleep fragmentation**. Polysomnographic recordings were performed on 2 consecutive

nights in these infants. One night was used... ..to 26.6 +- 13.9 during CPAP in REM sleep. Nasal CPAP also improved the **sleep fragmentation** markedly; REM **sleep** increased from 14.2 +- 1.2% of sleep during the control study to 27.1 +- 1.2% of sleep during **CPAP**. Conclusions: We conclude that nasal **CPAP** is an effective **treatment** for infantile apnoea. Sleep apnoea in these infants is associated with profound **sleep fragmentation**, which is reversed by nasal CPAP.

**DESCRIPTORS:**

Miscellaneous Terms: Concept Codes: ...**SLEEP FRAGMENTATION**;

25/3,K/10 (Item 2 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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11098733 EMBASE No: 2001117819

**Sleep-related breathing disorders: Current treatment options**

Mohsenin V.

Dr. V. Mohsenin, Yale Center for Sleep Medicine, 40 Temple St., New Haven, CT 06510 United States

**Author Email:** vahid.mohsenin@yale.edu

Clinical Pulmonary Medicine ( CLIN. PULM. MED. ) ( United States ) 2001 , 8/2 (95-100)

**CODEN:** CPMEF **ISSN:** 1068-0640

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 80

...related breathing disorders are common and associated with high morbidity in the form of hypersomnia, **chronic fatigue**, and cognitive dysfunction. If the disorder remains untreated it may lead to cardiovascular and cerebrovascular... ..marked improvement in quality of life and reduction in health care needs. There are several **treatment** options available that are quite effective. Nasal continuous **positive airway pressure** is the most popular **treatment** modality with an overall acceptance rate of 70%. Newer methods include application of mandibular advancement...

**MEDICAL DESCRIPTORS:**

treatment planning; morbidity; hypersomnia; **chronic fatigue** syndrome; positive end expiratory pressure; radiofrequency; disease severity; comorbidity; upper respiratory tract; respiratory tract malformation...

26/3,K/2 (Item 2 from file: 5)

Fulltext available through: [SpringerLink](#) [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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17256227 Biosis No.: 200300214946

**Sleep disturbances in Parkinsonism: Review.**

**Author:** Askenasy J J M (Reprint)

**Author Address:** Ben Yehuda 79, Herzlya, 46403, Israel\*\*Israel

**Author E-mail Address:** ajean@post.tau.ac.il

**Journal:** Journal of Neural Transmission 110 ( 2 ): p 125-150 February 2003 2003

**Medium:** print

**ISSN:** 0300-9564

**Document Type:** Article; Literature Review

**Record Type:** Abstract

**Language:** English

**Abstract:** ...aggravation. The following types of sleep-arousal disturbances have to be considered in PD patients: **Sleep Disturbances**, **Light Fragmented Sleep (LFS)**, **Abnormal Motor Activity During Sleep (AMADS)**, **REM Behavior Disorders (RBD)**, **Sleep Related Breathing Disorders... ..EDS)**, Each syndrome has to receive a score according to its severity. III. The specific **therapy** consists in: LFS: Benzodiazepines and Nondiazepines. AMADS: Clonazepam, Opioid, Apomorphine infusion; RBD: Clonazepam and dopaminergic agonists; SRBD: **CPAP**, UPPP, nasal interventions, losing weight; SRH: Clozapine, Risperidone; SRPD: Nortriptyline, Clozapine, Olanzapine; SA-adjustment; EDS-arousing drugs. Each **therapeutic** approach must be tailored to the individual PD patient.

**DESCRIPTORS:**

**Diseases:** ...light fragmented sleep--

26/3,K/3 (Item 3 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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17179298 Biosis No.: 200300138017

**Rigid spine syndrome with chronic respiratory failure.**

**Author:** Yang Mei-Chen; Chu Chun-Che; Chern Ming-Shyan; Chen Ning-Hung; Chuang Ming-Lung (Reprint)

**Author Address:** Division of Pulmonary and Critical Care Medicine, Chang Gung Memorial Hospital, 5 Fu Hsin Street, Kwei Hsan, Taoyuan, Taiwan\*\*Taiwan

**Journal:** Journal of the Formosan Medical Association 101 ( 9 ): p 650-654 September 2002 2002

**Medium:** print

**ISSN:** 0929-6646

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...RSS was diagnosed based on myopathic findings and clinical presentation. Nocturnal chronic respiratory failure and **fragmented sleep** developed. He was **treated** with continuous **positive airway pressure** and had recovered his normal daily activity by 1-year follow-up. We suggest that patients with RSS should be assessed for possible ventilatory, failure; **treatment** with nasal continuous **positive airway pressure** or bi-level continuous **positive airway pressure therapy** should be considered.

26/3,K/4 (Item 4 from file: 5)

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16391079 Biosis No.: 200100562918

**Interobserver agreement among sleep scorers from different centers in a large dataset**

**Author:** Norman Robert G; Pal Ivan; Stewart Chip; Walsleben Joyce A; Rapoport David M (Reprint)

**Author Address:** Department of Medicine, NYU School of Medicine, 550 First Ave., New York, NY, 10016, USA\*\*USA

**Journal:** Sleep (Rochester) 23 ( 7 ): p 1-8 2000 2000

**Medium:** cd-rom

**ISSN:** 0161-8105

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...in separate laboratories. The lower agreement in SDB patients supports the generally held view that **sleep fragmentation** makes application of the R&K rules less reliable.

**DESCRIPTORS:**

**Methods & Equipment:** continuous positive airway pressure {CPAP}---... ..therapeutic method

**Miscellaneous Terms: Concept Codes:** ...sleep fragmentation;

26/3,K/5 (Item 5 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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16229924 Biosis No.: 200100401763

**Noninvasive pressure preset ventilation for the treatment of Cheyne-Stokes respiration during sleep**

**Author:** Willson G N (Reprint); Wilcox I; Piper A J; Flynn W E; Norman M; Grunstein R R; Sullivan C E

**Author Address:** Sleep Disorders Unit, Royal Prince Alfred Hospital, Missenden Road, Camperdown, NSW, 2050, Australia\*\*Australia

**Journal:** European Respiratory Journal 17 ( 6 ): p 1250-1257 June, 2001 2001

**Medium:** print

**ISSN:** 0903-1936

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...during sleep is common in patients with congestive heart failure (CHF). This pattern of breathing **fragments sleep**, leading to daytime symptoms of sleepiness and fatigue. It was hypothesized that by controlling CSR with noninvasive pressure preset ventilation (NPPV), there would be a decrease in **sleep fragmentation** and an improvement in **sleep quality**. Nine patients (eight males, one female; mean+-SD 65+-11 yrs) with symptomatic CSR... ..ventricular ejection fraction 25+-8%) were studied. After a period of acclimatization to NPPV (variable **positive airway pressure** (VPAP) II STTM, Sydney, NSW, Australia and bilevel **positive airway pressure** (BiPAP)TM, Murrysville, PA, USA), sleep studies were repeated on **therapy**. NPPV almost completely abolished CSR in all patients with a reduction in AHI from 49... ..the patients with congestive heart failure. Noninvasive pressure preset ventilation should be considered a potential **therapy** for Cheyne-Stokes respiration in congestive heart failure in those patients who do not respond or fail to tolerate nasal continuous **positive airway pressure therapy**.

**DESCRIPTORS:**

**Methods & Equipment:** nasal continuous positive airway pressure--... ..therapeutic method

**Miscellaneous Terms: Concept Codes:** ...sleep fragmentation;

26/3,K/6 (Item 6 from file: 5)

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16052846 Biosis No.: 200100224685

(Untitled)

**Author:** Chervin Ronald D (Reprint); Zallek Sarah Nath

**Author Address:** Ann Arbor, MI, USA\*\*USA

**Journal:** Neurology 56 ( 7 ): p 984 April 10, 2001 2001

**Medium:** print

**ISSN:** 0028-3878

**Document Type:** Letter

**Record Type:** Citation

**Language:** English

**DESCRIPTORS:**

**Diseases:** cluster headache--

**Mesh Terms:** Cluster Headache (MeSH)

**Methods & Equipment:** continuous positive airway pressure--... ..therapeutic method

26/3,K/7 (Item 7 from file: 5)

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16052845 Biosis No.: 200100224684

**Sleep disordered breathing in patients with cluster headache**

**Author:** Luedemann Peter (Reprint); Frese Achim (Reprint); Happe Svenja (Reprint); Evers Stefan (Reprint)

**Author Address:** Muenster, Germany\*\*Germany

**Journal:** Neurology 56 ( 7 ): p 984 April 10, 2001 2001

**Medium:** print

**ISSN:** 0028-3878

**Document Type:** Letter

**Record Type:** Citation

**Language:** English

**Sleep disordered breathing in patients with cluster headache**

**DESCRIPTORS:**

**Diseases:** cluster headache--

**Mesh Terms:** Cluster Headache (MeSH)

**Methods & Equipment:** continuous positive airway pressure--... ..therapeutic method

26/3,K/8 (Item 8 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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15800188 Biosis No.: 200000518501

**Unexpectedly severe sleep and respiratory pathology in patients with amyotrophic lateral sclerosis**

**Author:** Barthlen G M; Lange D J (Reprint)

**Author Address:** Department of Neurology, Mt Sinai School of Medicine of New York University, One Gustave L. Levy Place, New York, NY, 10026, USA\*\*USA

**Journal:** European Journal of Neurology 7 ( 3 ): p 299-302 May, 2000 2000

**Medium:** print

**ISSN:** 1351-5101

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...periods of hypoventilation, with oxygen saturations oscillating between 86 and 83%. Both patients showed severe **sleep maintenance insomnia** with a sleep efficiency < 40% and frequent arousals while asleep. Application of continuous positive airway pressure ( **CPAP**) restored normal nocturnal ventilation, blood oxygenation and sleep parameters in the first patient; compliance, however, was poor. The second patient was unable to tolerate **CPAP**. We conclude that ALS patients with excessive daytime sleepiness or insomnia should undergo polysomnography to adequately diagnose nocturnal respiratory insufficiency and sleep disturbance. Compliance with **treatment**, however, may be poor.

**DESCRIPTORS:**

**Methods & Equipment:** continuous positive airway pressure---... ..therapeutic method

26/3,K/9 (Item 9 from file: 5)

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14661236 Biosis No.: 199800455483

**Influence of nasal obstruction on auto-CPAP behavior during sleep in sleep apnoea/hypopnoea syndrome**

**Author:** Lafond Chantal; Series Frederic (Reprint)

**Author Address:** Unite Rech., Centre Pneumol., Hop. Laval, Univ. Laval, 2725 Chemin Sainte-Foy, Quebec, PQ G1V 4G5, Canada\*\*Canada

**Journal:** Thorax 53 ( 9 ): p 780-783 Sept., 1998 1998

**Medium:** print

**ISSN:** 0040-6376

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...Conclusion-Neither the "Morphee plus" nor the "Horizon" device abolished flow limited breaths and resulting **sleep fragmentation**. We conclude that, despite the different algorithm of pressure changes, these auto-CPAP machines do...

**DESCRIPTORS:**

**Methods & Equipment:** auto-CPAP {auto-continuous **positive airway pressure**}-- ... ..**therapeutic method**

26/3,K/10 (Item 10 from file: 5)

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14256951 Biosis No.: 199800051198

**Polysomnographic studies in amyotrophic lateral sclerosis**

**Author:**

David William S (Reprint); Bundlie Scott R; Mahdavi Zohreh

**Author Address:** Dep. Neurol., Hennepin County Med. Cent., 701 Park Ave. South, Minneapolis, MN 55415, USA\*\*USA

**Journal:** Journal of the Neurological Sciences 152 ( SUPPL. ): p S29-S35 Oct., 1997 1997

**Medium:** print

**ISSN:** 0022-510X

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...pulmonary function tests (PFTs), presenting complaints, presence of bulbar dysfunction, and response to bi-level **positive airway pressure (PAP) treatment**. PSG revealed abnormalities in 16 patients. Complaints of orthopnea, daytime sleepiness (but not morning **headaches**) and a low negative inspiratory force (NIF) correlated with sleep disruption. However, neither the forced... ..capacity (FVC) nor the NIF reliably predicted any specific PSG finding. Twelve of 13 patients **treated** with bi-level **PAP** responded favorably. Since the response to bi-level **PAP** is frequently gratifying, PSG should strongly be considered in ALS patients with suspected sleep disturbances.

26/3,K/13 (Item 13 from file: 5)

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12820919 Biosis No.: 199598288752

**Effects of nasal continuous positive airway pressure on apnoea index and sleep in infants**

**Author:** McNamara F; Harris M-A; Sullivan C E (Reprint)

**Author Address:** David Reed Lab., Dep. Med., Univ. Sydney, NSW 2006, Australia\*\*Australia

**Journal:** Journal of Paediatrics and Child Health 31 ( 2 ): p 88-94 1995 1995

**ISSN:** 1034-4810

**Document Type:** Article

**Record Type:** Abstract

**Language:** English



**Abstract:** Objective: We examined the effectiveness of nasal continuous **Positive airway pressure (CPAP)** for **treatment** of sleep apnoea in infants. Methodology: We studied five infants who all had significant central and mixed apnoea and severe **sleep fragmentation**. Polysomnographic recordings were performed on 2 consecutive nights in these infants. One night was used as a control study and during the second night nasal **CPAP** was applied throughout the night Results: Nasal CPAP significantly reduced apnoea in each infant, with... ..and from 106 +- 13.9 during the control study to 26.6 +- 13.9 during **CPAP** in REM sleep. Nasal **CPAP** also improved the **sleep fragmentation** markedly; REM **sleep** increased from 14.2 +- 1.2% of sleep during the control study to 27.1 +- 1.2% of sleep during **CPAP**. Conclusions: We conclude that nasal **CPAP** is an effective **treatment** for infantile apnoea. Sleep apnoea in these infants is associated with profound **sleep fragmentation**, which is reversed by nasal **CPAP**.

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes: ...SLEEP FRAGMENTATION;**

26/3,K/15 (Item 15 from file: 5)

Fulltext available through: USPTO Full Text Retrieval Options

Biosis Previews(R)

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12255679 Biosis No.: 199497276964

**High altitude pulmonary oedema at moderate altitude. Case report**

**Author:** Ladner E (Reprint); Schobersberger W; Sparr H; Pall H

**Author Address:** Universitaetsklin. Anaesthesia, Allgemeine Intensivmed., Anichstr. 35, A-6020 Innsbruck, Austria\*\*Austria

**Journal:** Anaesthesist 43 ( 3 ): p 183-186 1994 1994

**ISSN:** 0003-2417

**Document Type:** Article

**Record Type:** Abstract

**Language:** German

**Abstract:** ...the surrounding mountains up to 3356 m. On the 4th day he suddenly suffered from **headache**, coughing and very severe dyspnoea even at rest, accompanied by loss of appetite and the... ..are rapid ascent, severe physical effort, diminished hypoxic ventilatory response and abnormal fluid balance. The **treatment** of choice is descent to a lower altitude, administration of oxygen and of nifedipine and expiratory **positive airway pressure**.

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes: ...HEADACHE;**

26/3,K/16 (Item 1 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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11404816 Genuine Article#: 646MP No. References: 23

**Non-invasive ventilation in kyphoscoliosis. A comparison of a volumetric ventilator and a BIPAP support pressure device**

**Author:** Laserna E (REPRINT) ; Barrot E; Belaustegui A; Quintana E; Hernandez A; Castillo J

**Corporate Source:** Sinai,14,2 A/Seville 41007//Spain/ (REPRINT); Hosp Univ Virgen Rocio,Unidad Med Quirurg Enfermedades Respiratorias,Seville//Spain/

**Journal:** ARCHIVOS DE BRONCONEUMOLOGIA , 2003 , V 39 , N1 ( JAN ) , P 13-18

**ISSN:** 0300-2896 **Publication date:** 20030100

**Publisher:** EDICIONES DOYMA S/L , TRAV DE GRACIA 17-21, 08021 BARCELONA, SPAIN

**Language:** Spanish **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** ...was applied with the second device after a ten-day washout period. Baseline polysomnographs showed **fragmented sleep** with low percentages of deep non-REM sleep and of REM sleep, as well as... ..cases symptoms and arterial blood gas improvements were significant, with no differences between the two **treatment** periods. The percentages of time spent with SaO<sub>2</sub> below 90% of reference in sleep... ..than baseline with both ventilators. All but one patient had better tolerance of the bilevel **positive airway pressure** (BIPAP) support mode than of the volumetric ventilator. Our study shows that NIPPV is equally...

26/3,K/17 (Item 2 from file: 34)

Fulltext available through: [SpringerLink](#) [USPTO Full Text Retrieval Options](#)  
SciSearch(R) Cited Ref Sci

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11373854 **Genuine Article#:** 644JM **No. References:** 170

**Sleep disturbances in Parkinsonism**

**Author:** Askenasy JJM (REPRINT)

**Corporate Source:** Askenasy,Ben Yehuda 79/IL-46403 Herzliyya//Israel/ (REPRINT); Tel Aviv Univ,Sackler Sch Med, Dept Neurol,IL-69978 Tel Aviv//Israel/

**Journal:** JOURNAL OF NEURAL TRANSMISSION , 2003 , V 110 , N2 ( FEB ) , P 125-150

**ISSN:** 0300-9564 **Publication date:** 20030200

**Publisher:** SPRINGER-VERLAG WIEN , SACHSENPLATZ 4-6, PO BOX 89, A-1201 VIENNA, AUSTRIA

**Language:** English **Document Type:** REVIEW ( ABSTRACT AVAILABLE )

**Abstract:** ...aggravation.

The following types of sleep-arousal disturbances have to be considered in PD patients:

**Sleep Disturbances**

**Light Fragmented Sleep (LFS)**

**Abnormal Motor Activity During Sleep (AMADS)**

**REM Behavior Disorders (RBD)**

**Sleep Related Breathing Disorders... ..EDS)**

Each syndrome has to receive a score according to its severity

III. The specific **therapy** consists in: LFS: Benzodiazepines & Nondiazepines. AMADS: Clonazepam, Oploid,

Apomorphine infusion; RBD: Clonazepam and dopaminergic agonists; SRBD: CPAP, UPPP, nasal interventions, losing weight; SRH: Clozapine, Risperidone; SRPD: Nortriptyline, Clozapine, Olanzapine; SA-adjustment; EDS-arousing drugs. Each **therapeutic** approach must be tailored to the individual PD patient.

26/3,K/19 (Item 4 from file: 34)

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SciSearch(R) Cited Ref Sci

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10032017 **Genuine Article#:** 476HP **No. References:** 91

**Approaching disturbed sleep in late Parkinson's Disease: first step toward a proposal for a revised UPDRS**

**Author:** Askenasy JJM (REPRINT)

**Corporate Source:** Ben Yehuda 79/IL-46403 Herzliyya//Israel/ (REPRINT); Tel Aviv Univ,Sackler Sch Med,IL-69978 Tel Aviv//Israel/

**Journal:** PARKINSONISM & RELATED DISORDERS , 2001 , V 8 , N2 ( OCT ) , P 123-131

**ISSN:** 1353-8020 **Publication date:** 20011000

**Publisher:** ELSEVIER SCI LTD , THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** ...enhancing the fragmentation due to the involuntary movements. (c) Socio-physical assistance. (3) The specific **therapy** consists of: LFS-Sinemet CR, Tolcapone, Intranasal Desmopressin, Domperidon, Cisapride and neurosurgery; SRBD-CPAP, UPPP, nasal interventions, losing weight; RLS-PLM-Benzodiazepine (Clonazepam), Opioid, Apomorphine infusion; RBD-Clonazepam and dopaminergic agonists; SRH-Clozapine, Risperidone; SRPD-Nortriptyline, Clozapine, Olanzapine; SA-adjustment; EDS-arousing drugs. Each **therapeutic** approach must be tailored to the individual LPD patient. (C) 2001 Elsevier Science Ltd. All...

26/3,K/21 (Item 2 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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11098733 **EMBASE No:** 2001117819

**Sleep-related breathing disorders: Current treatment options**

Mohsenin V.

Dr. V. Mohsenin, Yale Center for Sleep Medicine, 40 Temple St., New Haven, CT 06510 United States

**Author Email:** vahid.mohsenin@yale.edu

Clinical Pulmonary Medicine ( CLIN. PULM. MED. ) ( United States ) 2001 , 8/2 (95-100)

**CODEN:** CPMEF **ISSN:** 1068-0640

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 80

...related breathing disorders are common and associated with high morbidity in the form of hypersomnia, **chronic fatigue**, and cognitive dysfunction. If the disorder remains untreated it may lead to cardiovascular and cerebrovascular... ...marked improvement in quality of life and reduction in health care needs. There are several

treatment options available that are quite effective. Nasal continuous **positive airway pressure** is the most popular treatment modality with an overall acceptance rate of 70%. Newer methods include application of mandibular advancement devices and minimally invasive tissue volume reduction techniques using radiofrequency energy. The treatment should be individualized according to the severity of the disorder, presence of comorbidity, upper airway...

**MEDICAL DESCRIPTORS:**

treatment planning; morbidity; hypersomnia; **chronic fatigue syndrome**; positive end expiratory pressure; radiofrequency; disease severity; comorbidity; upper respiratory tract; respiratory tract malformation...

26/3,K/24 (Item 1 from file: 155)

Fulltext available through: USPTO Full Text Retrieval Options

MEDLINE(R)

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13461974 **PMID:** 11699236

**Headaches and their relationship to sleep.**

Biondi D M

Headache Management and Pain Rehabilitation Programs, Spaulding Rehabilitation Hospital, Department of Neurology, Harvard Medical School, Boston, Massachusetts, USA.

Dental clinics of North America ( United States ) Oct 2001 , 45 (4) p685-700 , ISSN: 0011-8532--Print **Journal Code:** 0217440

Publishing Model Print

**Document type:** Journal Article

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

**Headaches and their relationship to sleep.**

...complex influences of normal sleep physiology and sleep disorders on the development or presentation of headache, it is important to recognize and understand these relationships. Successful outcomes depend on the provision of treatment interventions specifically directed toward each condition. Nocturnal or early morning headaches that are associated with OSA are often eradicated after the sleep disorder is successfully managed with CPAP, oral appliances, or surgery. Substantial improvement in headache can also result from the successful management of other sleep disorders that may incite headaches such as heavy snoring, PLMS, or the various forms of insomnia. To improve headache patterns associated with bruxism and TMD, it is often necessary to formulate a multidisciplinary treatment approach that combines oral... ..There are still many gaps in the understanding of the interrelationships of sleep physiology and headache pathophysiology. More well-designed clinical trials are needed so that enough data can be amassed... ..consensus statements that can better delineate the identification, diagnostic evaluation, and treatment of sleep-related headache disorders and headaches that develop as a consequence of disordered sleep.

**Descriptors:** \*Headache Disorders--complications--CO; \*Sleep Disorders--etiology --ET ; Facial Pain--complications--CO; Headache Disorders--therapy--TH; Humans; Sleep Bruxism--complications--CO; Sleep Disorders--therapy --TH

26/3,K/26 (Item 3 from file: 155)

Fulltext available through: [USPTO Full Text Retrieval Options](#)  
MEDLINE(R)

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10042339 PMID: 8179168

[High altitude pulmonary edema at a medium height. A case report]

Das Hohenlungenodem in mittlerer Hohe. Ein Fallbericht.

Ladner E; Schobersberger W; Sparr H; Pall H

Univ.-Klinik für Anästhesie und Allgemeine Intensivmedizin, Innsbruck.

Der Anaesthetist ( GERMANY ) Mar 1994 , 43 (3) p183-6 , ISSN: 0003-2417--Print Journal Code: 0370525

Publishing Model Print

Document type: Case Reports; English Abstract; Journal Article

Languages: GERMAN

Main Citation Owner: NLM

Record type: MEDLINE; Completed

...the surrounding mountains up to 3356 m. On the 4th day he suddenly suffered from **headache**, coughing and very severe dyspnoea even at rest, accompanied by loss of appetite and the... ..are rapid ascent, severe physical effort, diminished hypoxic ventilatory response and abnormal fluid balance. The **treatment** of choice is descent to a lower altitude, administration of oxygen and of nifedipine and expiratory **positive airway pressure**.

? d s

Set	Items	Description
S1	2060	S SOMATIC?(3N)SYNDROME? ?
S2	17526126	S TREAT??? OR TREATMENT?? OR THERAP??? OR THERAPEUTIC?
S3	67749	S PAP OR CPAP OR POSITIVE()AIRWAY()PRESSUR? OR UPPER()AIRWAY(3N)(STABILIS? OR STABILIZ?)
S4	18543	S S2(50N)S3
S5	24764	S CHRONIC()FATIGUE OR CFS
S6	32070	S IRRITABLE()BOWEL OR IBS
S7	86769	S MIGRAINE?
S8	211677	S HEADACHE??
S9	4813	S TEMPOROMANDIBULAR(3N)PAIN
S10	1960	S (MENSES OR MENSTRUAL)(3N)PAIN
S11	845	S (SLEEP()MAINTENANCE OR SLEEP()ONSET)(3N)INSOMNIA
S12	3485	S FRAGMENT?(5N)SLEEP
S13	4148	S BRUXISM
S14	625	S (S1 OR S5:S13)AND S4
S15	335	RD (unique items)

S16	103	S S15/2004-2007
S17	232	S S15 NOT S16
S18	13351	S S2(10N)S3
S19	5	S S1 AND S18
S20	0	S S18 AND (S5 AND S6)
S21	518	S S18 AND S5:S13
S22	282	RD (unique items)
S23	88	S S22/2004-2007
S24	194	S S22 NOT S23
S25	15	S S24 NOT APNEA
S26	29	S S17 NOT APNEA? ? NOT SMEAR? ?

; show files

[File 2] **INSPEC** 1898-2007/Jul W4

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[File 5] **Biosis Previews(R)** 1926-2007/Jul W4

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*\*File 5: BIOSIS has been enhanced with archival data. Please see HELP NEWS 5 for information.*

[File 6] **NTIS** 1964-2007/Jul W5

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[File 8] **Ei Compendex(R)** 1884-2007/Jul W3

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[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Jul W5

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[File 35] **Dissertation Abs Online** 1861-2007/Jul

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[File 65] **Inside Conferences** 1993-2007/Jul 30

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[File 73] **EMBASE** 1974-2007/Jul 25

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[File 144] **Pascal** 1973-2007/Jul W3

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[File 155] **MEDLINE(R)** 1950-2007/Jul 27

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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

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[File 441] **ESPICOM Pharm&Med DEVICE NEWS** 2007/Jan W1

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23/5/4 (Item 4 from file: 350)

Derwent WPIX

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0014372804 *Drawing available*

WPI Acc no: 2004-561699/200454

XRPX Acc No: N2004-444444

**Functional somatic syndrome e.g. bruxism, treating method, involves treating patient with airway stabilization technique in which airway is mechanically stabilized with positive air pressure therapy**

Patent Assignee: SUNY STONY BROOK/RESPIRONICS (SUNY-N); UNIV NEW YORK STATE RES FOUND (UYNV)

Inventor: GOLD A; GOLD A R

Patent Family ( 3 patents, 106 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004062476	A2	20040729	WO 2004US485	A	20040109	200454	B
US 20040200472	A1	20041014	US 2003438966	P	20030109	200468	E
			US 2004755038	A	20040109		
AU 2004204771	A1	20040729	AU 2004204771	A	20040109	200553	E

Priority Applications (no., kind, date): US 2004755038 A 20040109; US 2003438966 P 20030109

#### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2004062476	A2	EN	29	1	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
US 20040200472	A1	EN			Related to Provisional US 2003438966
AU 2004204771	A1	EN			Based on OPI patent WO 2004062476

#### Alerting Abstract WO A2

NOVELTY - The method involves **treating** a patient with an airway stabilization technique in which an airway is stabilized with a mechanical stabilization. The mechanical stabilization device, selected from a group consisting an oral appliance, a tissue distending device, and stimulation device, stabilizes the air way with a **positive airway pressure therapy**. An inspiratory air flow limitation of the patient is monitored during sleep.

USE - Used for **treating functional somatic syndrome e.g. chronic fatigue, fibromyalgia, irritable bowel, migraine headache, temperomandibular joint pain, premenstrual pain, sleep-onset insomnia, sleep maintenance insomnia, unrefreshing sleep, EEG evidence of sleep fragmentation, bruxism, muscle pain, muscle tenderness, heartburn, abdominal pain, abdominal urgency, diarrhea, depression, orthostatic syncope, and alpha-delta sleep**

(claimed).

**ADVANTAGE** - The pressure airway **therapy** stabilizes the patient with **positive airway pressure**, and thus the limitation of inspiratory airflow is overcome, thereby correcting the symptoms of functional **somatic syndrome** and avoiding non-restorative sleep of the patient.

**DESCRIPTION OF DRAWINGS** - The drawing shows a bar chart showing a percentage of upper airway resistance syndrome (UARS) and obstructive sleep apnea (OSA)/hypopnea (H) patients that exhibit eleven preselected symptoms/signs of disordered breathing.

**Title Terms /Index Terms/Additional Words:** FUNCTION; SOMATIC; SYNDROME; **TREAT**; METHOD; PATIENT; AIRWAY; STABILISED; TECHNIQUE; MECHANICAL; POSITIVE; AIR; PRESSURE; **THERAPEUTIC**

### Class Codes

#### International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61B; A61B-007/00; A62B-007/00			Main		"Version 7"

US Classification, Issued: 128200240

File Segment: EngPI; EPI;

DWPI Class: S05; P31; P35

Manual Codes (EPI/S-X): S05-A05A

? d s

Set	Items	Description
S1	492	S POSITIVE()AIRWAY()PRESSURE
S2	399	S CPAP
S3	883	S PAP NOT SMEAR
S4	5	S SOMATIC?()SYNDROME?
S5	1539	S CHRONIC()FATIGUE OR CFS
S6	2328	S (MIGRAINE? ? OR TENSION)(4N)HEADACHE? ?
S7	4708	S IRRITABLE()BOWEL OR IBS
S8	2538	S INSOMNIA? ?



S9	205	S (PREMENSTRUAL OR PRE()MENSTRUAL)(4N)PAIN? ?
S10	26	S SLEEP(5N)FRAGMENT?
S11	123	S BRUXISM
S12	1969693	S TREAT??? OR TREATMENT? ? OR THERAP??? OR THERAPEUT?
S13	375	S S1 AND S12
S14	729	S S1:S3 AND S12
S15	1	S S4 AND S14
S16	2	S S5 AND S14
S17	1	S S6 AND S14
S18	3	S S7 AND S14
S19	1	S S8 AND S14
S20	1	S S9 AND S14
S21	1	S S10 AND S14
S22	2	S S11 AND S14
S23	5	S S15:S22
S24	1	S S15/2004-2007
S25	2359	S (MUSCLE? ? OR MUSCULAR?)(4N)(PAIN? ? OR TENDERNESS?)
S26	714	S (ABDOMEN? OR ABDOMIN?)(4N)(PAIN? ? OR URGEN??)
S27	4447	S DIARRHEA
S28	59431	S DEPRESSION
S29	6	S ORTHOSTAT??()SYNCOP?
S30	3	S (ALPHA()DELTA OR AD)()SLEEP
S31	1	S S14 AND S25
S32	1	S S14 AND S26
S33	3	S S14 AND S27
S34	10	S S14 AND S28
S35	1	S S14 AND S29
S36	1	S S14 AND S30
S37	12	S S31:S36
S38	9	S S37/2004-2007
S39	3	S S37 NOT S38

; show files

[File 344] **Chinese Patents Abs** Jan 1985-2006/Jan  
(c) 2006 European Patent Office. All rights reserved.

[File 347] **JAPIO** Dec 1976-2007/Dec(Updated 070702)  
(c) 2007 JPO & JAPIO. All rights reserved.

[File 350] **Derwent WPIX** 1963-2007/UD=200748  
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*\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.*

[File 371] **French Patents** 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv. All rights reserved.

*\*File 371: This file is not currently updating. The last update is 200209.*

? t s34/3,k/1-31

34/3,K/1 (Item 1 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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17179298 Biosis No.: 200300138017

**Rigid spine syndrome with chronic respiratory failure.**

**Author:** Yang Mei-Chen; Chu Chun-Che; Chern Ming-Shyan; Chen Ning-Hung; Chuang Ming-Lung (Reprint)

**Author Address:** Division of Pulmonary and Critical Care Medicine, Chang Gung Memorial Hospital, 5 Fu Hsin Street, Kwei Hsan, Taoyuan, Taiwan\*\*Taiwan

**Journal:** Journal of the Formosan Medical Association 101 ( 9 ): p 650-654 September 2002 2002

**Medium:** print

**ISSN:** 0929-6646

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...RSS was diagnosed based on myopathic findings and clinical presentation. Nocturnal chronic respiratory failure and **fragmented sleep** developed. He was **treated** with **continuous positive airway pressure** and had recovered his normal daily activity by 1-year follow-up. We suggest that patients with RSS should be assessed for possible ventilatory, failure; **treatment** with nasal **continuous positive airway pressure** or bi-level **continuous positive airway pressure therapy** should be considered.

34/3,K/2 (Item 2 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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16895131 Biosis No.: 200200488642

**Chronic insomnia, premenopausal women and sleep disordered breathing: Part 2. Comparison of nondrug treatment trials in normal breathing and UARS post menopausal women complaining of chronic insomnia**

**Author:** Guilleminault Christian (Reprint); Palombini Luciana; Poyares Dalva; Chowdhuri Susmita

**Author Address:** Stanford Sleep Center, 401 Quarry Road, Suite 3301-A, Stanford, CA, 94305, USA\*\*USA

**Journal:** Journal of Psychosomatic Research 53 ( 1 ): p 617-623 July, 2002 2002

**Medium:** print

**ISSN:** 0022-3999

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Chronic insomnia, premenopausal women and sleep disordered breathing: Part 2. Comparison of nondrug treatment trials in normal breathing and UARS post menopausal women complaining of chronic insomnia**

**Abstract:** ...addressed here is: Can a discrete sleep disordered breathing (SDB) play a role in the insomnia complaint of postmenopausal chronic insomniacs? To respond to the query, two groups of individuals derived from a cohort of postmenopausal chronic insomniacs recruited mostly from the community were enlisted in a

treatment protocol. These subjects were all... ..with Upper Airway Resistance Syndrome (UARS) (n=62) pooled from a cohort of 349 postmenopausal insomniacs. Treatment protocol: The 62 UARS were allocated to either treatment of chronic insomnia by behavioral approaches or treatment of SDB. Based on ENT evaluation, health professionals in charge of patients selected either treatment with nasal CPAP or treatment of nasal turbinates. A stratification correction was performed to obtain a near equal number of... ..subgroups. The 68 individuals with normal breathing were randomly allocated to immediate behavioral treatment of insomnia or delay treatment of insomnia. The delay treatment received a list of 10 sleep hygiene recommendations by mail. Methodology: Questionnaires... ..recording data were scored blind to patient's condition. Results: Two subjects in the SDB-CPAP treated group (Group B) and two subjects in the delayed treatment group (Group D) dropped out. Total sleep time was improved compared to baseline in all... ..was significantly better in the SDB-treated group than the other three groups. SDB was treated either by radio frequency on nasal turbinate or by nasal CPAP. CPAP-treated patients had a lower VAS score than nasal turbinate treatment, but the difference was only a trend. The delta improvement (6-month baseline condition) in... ..D. Conclusion: Abnormal breathing during sleep significantly enhanced complaints of daytime fatigue in postmenopausal chronic insomniacs and this complaint improved with SDB treatment. This improvement is significantly better compared to SDB insomniacs treated with a behavioral regimen. Behavioral treatment, however, gave the best response in the non-SDB chronic insomnia group and improved better long sleep latency even in the SDB group. These results suggest... ..mild and to recognize the role of SDB in relation to symptoms seen with chronic insomnia.

**DESCRIPTORS:**

**Diseases:** chronic insomnia--

34/3,K/3 (Item 3 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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16229924 Biosis No.: 200100401763

**Noninvasive pressure preset ventilation for the treatment of Cheyne-Stokes respiration during sleep**

**Author:** Willson G N (Reprint); Wilcox I; Piper A J; Flynn W E; Norman M; Grunstein R R; Sullivan C E

**Author Address:** Sleep Disorders Unit, Royal Prince Alfred Hospital, Missenden Road, Camperdown, NSW, 2050, Australia\*\*Australia

**Journal:** European Respiratory Journal 17 ( 6 ): p 1250-1257 June, 2001 2001

**Medium:** print

**ISSN:** 0903-1936

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...during sleep is common in patients with congestive heart failure (CHF). This pattern of breathing fragments sleep, leading to daytime symptoms of sleepiness and fatigue. It was hypothesized that by controlling CSR with noninvasive pressure preset ventilation (NPPV), there would be a decrease in sleep fragmentation and an improvement in sleep quality. Nine patients (eight males, one female; mean+-SD 65+-11 yrs) with symptomatic CSR... ..acclimatization to NPPV (variable positive airway pressure (VPAP) II STTM, Sydney, NSW, Australia and bilevel positive airway pressure (BiPAP)TM, Murrysville, PA, USA), sleep studies were repeated on therapy. NPPV almost completely abolished CSR in all patients with a reduction in AHI from 49... ..congestive heart failure in those patients who do not respond or fail to tolerate nasal continuous positive airway pressure therapy.

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes: ...sleep fragmentation;**

34/3,K/4 (Item 4 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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15101353 Biosis No.: 199900361013

**Clinical characteristics of upper airway resistance syndrome**

**Author:** Watanabe Takuya (Reprint); Mikami Akira; Taniguchi Mitsutaka; Motonishi Masamichi; Honda Hideharu; Kyotani Kyoko; Uruha Shigehiko; Terashima Kiyoji ; Teshima Yoshio; Egawa Isao; Sugita Yoshiro; Takeda Masatoshi

**Author Address:** Sleep EEG Lab. Dept. of Psychiatry (D3), Osaka University Medical School, 2-11 Yamadaoka, Suita, Osaka, 565-0871, Japan\*\*Japan

**Journal:** Psychiatry and Clinical Neurosciences 53 ( 2 ): p 331-333 April, 1999 1999

**Medium:** print

**ISSN:** 1323-1316

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...upper airway resistance syndrome. The mean scores of the Epworth sleepiness scale and self-rating depression scale in eight cases were 13.5 and 38.6, respectively. The mean sleep latency... ..the multiple sleep latency test in four cases was 10.2 min. Seven cases were **treated with continuous positive airway pressure (CPAP)**, and one with hormone replacement **therapy**. The most common symptom was daytime sleepiness. Five cases had hypertension. CPAP reduced increasing negative...

34/3,K/5 (Item 5 from file: 5)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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14613482 Biosis No.: 199800407729

**Sleep and neuromuscular disease: Bilevel positive airway pressure by nasal mask as a treatment for sleep disordered breathing in patients with neuromuscular disease**

**Author:** Guilleminault Christian (Reprint); Philip Pierre; Robinson Anstella

**Author Address:** Sleep Disorders Cent., 701 Welch Road, Suite 2226, Palo Alto, CA 94304, USA \*\*USA

**Journal:** Journal of Neurology Neurosurgery and Psychiatry 65 ( 2 ): p 225-232 Aug., 1998 1998

**Medium:** print

**ISSN:** 0022-3050

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Sleep and neuromuscular disease: Bilevel positive airway pressure by nasal mask as a treatment for sleep disordered breathing in patients with neuromuscular disease**

**Abstract:** Objective-Investigation of the therapeutic effects of bilevel positive airway pressure delivered by nasal mask in patients with neuromuscular disease. Methods-20 patients with neuromuscular disease... symptoms of nocturnal sleep disruption. These symptoms included daytime tiredness, fatigue, sleepiness, and complaints of insomnia. The patients were studied with nocturnal polysomnograms and daytime multiple sleep latency tests (MSLT). Their... positive pressure ventilation delivered by traditional volume cycled home ventilator (volume controlled NIPPV). Conclusions-Bilevel positive airway pressure delivered by nasal mask may be used successfully to treat sleep disordered breathing associated with neuromuscular disease. This device can be employed to assist nocturnal ...

34/3,K/6 (Item 6 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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14425653 Biosis No.: 199800219900

**Continuous positive airway pressure: Patients' and caregivers' learning needs and barriers to use**

**Author:** Smith Carol E (Reprint); Mayer Linda S; Metsker Claudette; Voelker Michele; Baldwin Susan; Whitman Robert A; Pingleton Susan K

**Author Address:** 13220 W. 102nd St., Lenexa, KS 66215, USA\*\*USA

**Journal:** Heart and Lung 27 ( 2 ): p 99-108 March-April, 1998 1998

**Medium:** print

**ISSN:** 0147-9563

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...60 years or older. INSTRUMENTS: Family interviews, life satisfaction and quality, family function and relationship, **depression** and learning preparedness. RESULTS: There were numerous learning needs related to CPAP machine management, monitoring illness severity, and recognizing **depressive** symptomology, oxygen deficits, and cardiovascular sequelae. Family members are involved in overcoming barriers interfering with nightly CPAP use. Interview and questionnaire data clearly indicate life satisfaction improves after **CPAP treatment**. CONCLUSION: PredischARGE and teaching programs coordinated by expert nurses are needed to address families' learning needs and support habitual long-term CPAP use. Family problem solving and **depression** interventions, instruction on recognizing symptoms of cardiovascular complications, and long-term follow-up programs are...

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes:** ...depression;

34/3,K/7 (Item 7 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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14173347 Biosis No.: 199799807407

**Nocturnal respiratory failure as an indication of noninvasive ventilation in the patient with neuromuscular disease**

**Author:** Barthlen Gabriele M

**Author Address:** Schlaflabor, Robert-Koch Klinik, Universitaetsklin. Freiburg, Hugstetterstrasse 55, D-79106 Freiburg, Germany\*\*Germany

**Journal:** Respiration 64 ( SUPPL. 1 ); p 35-38 1997 1997

**ISSN:** 0025-7931

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...Diagnosis of obstructive, central and mixed apneas, hypopneas, and hypoventilation is best made using polysomnography. **Therapeutic** options include noninvasive ventilation such as **continuous positive airway pressure**, bilevel positive airway pressure, intermittent positive pressure ventilation and, rarely, tracheostomy, oxygen, or protriptyline. Evaluation... ..with nocturnal symptoms such as air hunger, intermittent snoring or breathing, orthopnea, cyanosis, restlessness, and **insomnia**. Daytime symptoms may include morning drowsiness, headaches and excessive daytime sleepiness. Polycythemia, hypertension, and signs...

34/3,K/8 (Item 8 from file: 5)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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13830445 Biosis No.: 199799464505

**Cheyne-Stokes respiration during sleep in congestive heart failure**

**Author:** Quaranta Anthony J; D'Alonzo Gilbert E; Krachman Samuel L (Reprint)

**Author Address:** Div. Pulmonary Critical Care, 921 Parkinson Pavilion, Broad and Tioga Sts., Philadelphia, PA 19140, USA\*\*USA

**Journal:** Chest 111 ( 2 ): p 467-473 1997 1997

**ISSN:** 0012-3692

**Document Type:** Article; Literature Review

**Record Type:** Abstract

**Language:** English

**Abstract:** ...disrupted, often with frequent nocturnal arousals. Clinical features include excessive daytime sleepiness, paroxysmal nocturnal dyspnea, **insomnia**, and snoring. Proposed mechanisms include the following: (1) an increased CNS sensitivity to changes in... ..similar degree of left ventricular dysfunction. Therapeutic options include medically maximizing cardiac function, nocturnal oxygen **therapy**, and nasal **continuous positive airway pressure**. The role that other **therapeutic** modalities, such as inhaled CO-2 and acetazolamide, might have in the treatment of CSR...

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes:** ...**INSOMNIA**;

34/3,K/9 (Item 9 from file: 5)

Fulltext available through: USPTO Full Text Retrieval Options

Biosis Previews(R)

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13133494 Biosis No.: 199698601327

**Obstructive sleep hypopnea syndrome in a patient with Marfan syndrome treated with oxygen therapy**

**Author:** Verbraecken J A; Willemen M; De Cock W; Coen E; Van De Heyning P; De Backer W (Reprint)

**Author Address:** Dep. Pulmonary Med., Med. Fac., Universiteitsplein 1, B-2610 Antwerp, Belgium\*\*Belgium

**Journal:** Respiration 62 ( 6 ): p 355-358 1995 1995

**ISSN:** 0025-7931

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...with Marfan's syndrome and obstructive sleep hypopnea syndrome is reported. She had complained about **insomnia**, tiredness and hypersomnolence lasting 2 years. A complete nightly polysomnography revealed 94 obstructive hypopneas (the... ..apneas. Presumably an increased laxity of the pharyngeal wall was responsible for the phenomenon. A **therapy** with CPAP was started, but was not tolerated by the patient. Oxygen **therapy** on the other hand turned out to be effective and well tolerated.

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes:** ...INSOMNIA

34/3,K/10 (Item 10 from file: 5)

Fulltext available through: USPTO Full Text Retrieval Options

Biosis Previews(R)

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12775324 Biosis No.: 199598243157

**Upper airway sleep-disordered breathing in women**

**Author:** Guilleminault Christian (Reprint); Stoohs Riccardo; Kim Young-Do; Chervin Ronald; Black Jed; Clerk Alex

**Author Address:** Stanford Sleep Disorders Clinic Res. Cent., 701 Welch Road, Suite 2226, Palo Alto, CA 94304, USA\*\*USA

**Journal:** Annals of Internal Medicine 122 ( 7 ): p 493-501 1995 1995

**ISSN:** 0003-4819

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...1993, who were diagnosed with upper airway sleep-disordered breathing. Controls were 60 women with **insomnia** and 100 men with sleep-disordered breathing. Measurements: Clinical, anatomic, and polygraphic information. Results: The... ..noted in 45% of the women with disordered breathing. Dysmenorrhea and amenorrhea (which disappeared after **treatment** with nasal **continuous positive airway pressure**) were reported in 43% of premenopausal women compared with 13% of the persons in the control group of women with **insomnia**. Thirty-



eight women (11.4%) with upper airway sleep-disordered breathing had a respiratory disturbance ...

34/3,K/11 (Item 1 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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13064790 **Genuine Article#:** 844QK **No. References:** 28

**Sleep disorders in multiple system atrophy**

**Author:** Santamaria J (REPRINT) ; Iranzo A; Tolosa E

**Corporate Source:** Hosp Clin Barcelona,Serv Neurol,Villarroel 170/E-08036 Barcelona//Spain/ (REPRINT); Hosp Clin Barcelona,Serv Neurol,E-08036 Barcelona//Spain/ ( jsantama@clinic.ub.es )

**Journal:** NEUROLOGIA , 2004 , V 19 , N6 ( JUL-AUG ) , P 307-311

**ISSN:** 0213-4853 **Publication date:** 20040700

**Publisher:** S T M EDITORES, S A , PASEO DE GRACIA 25, 3, 08007 BARCELONA, SPAIN

**Language:** Spanish **Document Type:** REVIEW ( ABSTRACT AVAILABLE )

**Abstract:** ...in multiple system atrophy that they should be considered an integral part of the disease. **Sleep fragmentation** occurs in more than half of the patients, with steep onset and sleep maintenance **insomnia**. Periodic leg movements of sleep are also common, although they are generally asymptomatic. REM sleep... ...however, is the most likely explanation. Nocturnal stridor is associated with decreased survival and its **treatment** is based on continuous positive air pressure (**CPAP**) when it occurs only during sleep or tracheostomy when it worsens and becomes also diurnal.

34/3,K/12 (Item 2 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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12893741 **Genuine Article#:**

831BV **No. References:** 31

**Cognitive changes and sleep disordered breathing in elderly - Differences in race**

**Author:** Cohen-Zion M; Stepnowsky C; Johnson S; Marler M; Dimsdale JE; Ancoli-Israel S (REPRINT)

**Corporate Source:** VASDHS,3350 La Jolla Village Dr/La Jolla//CA/92161 (REPRINT); VASDHS,La Jolla//CA/92161; Univ Calif San Diego,Dept Psychiat,San Diego//CA/92103 ( sancoliisrael@ucsd.edu )

**Journal:** JOURNAL OF PSYCHOSOMATIC RESEARCH , 2004 , V 56 , N5 ( MAY ) , P 549-553

**ISSN:** 0022-3999 **Publication date:** 20040500

**Publisher:** PERGAMON-ELSEVIER SCIENCE LTD , THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Identifiers--** ...APNEA SYNDROME; NEUROPSYCHOLOGICAL DEFICITS; **CPAP TREATMENT**; **PRESSURE CPAP**; **HYPOXEMIA**; **HYPERTENSION**; **DYSFUNCTION**; **IMPAIRMENT**; **VIGILANCE**; **ADULTS**

34/3,K/13 (Item 3 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options  
SciSearch(R) Cited Ref Sci

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12059622 **Genuine Article#:** 677ZY **No. References:** 0

**Depressive symptoms in patients with OSA and the impact of nasal CPAP treatment**

**Author:** Suhner AG; Darko DD; Erman MK; Riel KF; Mitler MM

**Corporate Source:** Scripps Res Inst,Dept Neuropharmacol,La Jolla//CA/; Pacific Sleep Med Serv,La Jolla//CA/

**Journal:** SLEEP , 2003 , V 26 ( MAY 15 ) , P A225-A225

**ISSN:** 0161-8105 **Publication date:** 20030515

**Publisher:** AMER ACADEMY SLEEP MEDICINE , ONE WESTBROOK CORPORATE CENTER STE 920,  
WESTCHESTER, IL 60154 USA

**Language:** English **Document Type:** MEETING ABSTRACT

**Depressive symptoms in patients with OSA and the impact of nasal CPAP treatment**

34/3,K/14 (Item 4 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options  
SciSearch(R) Cited Ref Sci

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10086310 **Genuine Article#:** 485GZ **No. References:** 82

**Insomnia related to postmenopausal syndrome: Sleep laboratory studies on differences between patients and normal controls, and influence of an estrogen-progestogen combination with dienogest versus estrogen alone and placebo**

**Author:** Saletu B (REPRINT) ; Anderer P; Gruber G; Mandl M; Gruber D; Metka M; Huber J; Loffler H; Abu-Bakr MH; Saletu-Zyhlarz GM

**Corporate Source:** Univ Vienna,Dept Psychiat, Sect Sleep Res & Pharmacopsychiat,Wahringer Gurtel 18-20/A-1090 Vienna//Austria/ (REPRINT); Univ Vienna,Dept Psychiat, Sect Sleep Res & Pharmacopsychiat,A-1090 Vienna//Austria/; Univ Vienna,Dept Gynecol Endocrinol,A-1010 Vienna//Austria/; Univ Alexandria,Dept Psychiat,Alexandria//Egypt/

**Journal:** DRUGS OF TODAY , 2001 , V 37 , G , P 39-62

**ISSN:** 0025-7656 **Publication date:** 20010000

**Publisher:** PROUS SCIENCE, SA , PO BOX 540, PROVENZA 388, 08025 BARCELONA, SPAIN

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Insomnia related to postmenopausal syndrome: Sleep laboratory studies on differences between patients and normal controls, and...**

**Abstract:** ...reviews two studies. In the first study, 30 patients with the ICD-10 diagnosis of insomnia (G 47.0) related to postmenopausal syndrome (N 95.1) were assessed in comparison with... ..the efficacy of a combined estrogen-progestogen regimen on sleep and awakening quality in 55 insomniac postmenopausal patients was investigated in a 2-month double-blind, placebo-controlled, comparative, randomized, 3... ..with dienogest significantly ameliorated subjective sleep quality and sleep-related breathing disorders of patients with insomnia related to a postmenopausal syndrome, while it only marginally improved variables concerning objective sleep and...

**Identifiers--** ...HORMONE REPLACEMENT THERAPY; GENERALIZED ANXIETY DISORDER;  
POSITIVE AIRWAY PRESSURE; LEGS SYNDROME PATIENTS; NONORGANIC INSOMNIA;

**MENOPAUSAL WOMEN; APNEA PATIENTS; QUALITY; DISTURBANCE;  
MEDROXYPROGESTERONE**

34/3,K/15 (Item 5 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)  
SciSearch(R) Cited Ref Sci

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09810595 Genuine Article#: 450QP No. References: 4

**Amyotrophic lateral sclerosis associated with insomnia and the aggravation of sleep-disordered breathing**

**Author:** Takekawa H; Kubo J; Miyamoto T; Miyamoto M (REPRINT) ; Hirata K

**Corporate Source:** Dokkyo Univ,Sch Med, Dept Neurol,Kitakobayashi 880/Mibu/Tochigi 3210293/Japan/  
(REPRINT); Dokkyo Univ,Sch Med, Dept Neurol,Mibu/Tochigi 3210293/Japan/

**Journal:** PSYCHIATRY AND CLINICAL NEUROSCIENCES , 2001 , V 55 , N3 ( JUN ) , P 263-264

**ISSN:** 1323-1316 **Publication date:** 20010600

**Publisher:** BLACKWELL SCIENCE ASIA , 54 UNIVERSITY ST, P O BOX 378, CARLTON, VICTORIA 3053,  
AUSTRALIA

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Amyotrophic lateral sclerosis associated with insomnia and the aggravation of sleep-disordered breathing**

**Abstract:** ...sclerosis (ALS) diagnosed by sleep-disordered breathing is described. The patient's chief complaints were insomnia and nocturnal dyspnea after taking a hypnotic drug. On examination, he showed restrictive ventilatory impairment... ..needle electromyography and muscle biopsy The daytime and nocturnal respiratory insufficiency improved after nasal bilevel positive airway pressure therapy. Amyotrophic lateral sclerosis should be suspected as a cause of insomnia and nocturnal dyspnea.

34/3,K/16 (Item 6 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)  
SciSearch(R) Cited Ref Sci

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08629276 Genuine Article#: 308LM No. References: 87

**The implications of HIV for the anaesthetist and the intensivist**

**Author:** Avidan MS (REPRINT) ; Jones N; Pozniak AL

**Corporate Source:** UNIV LONDON KINGS COLL,ACAD DEPT ANAESTHESIA, BESSEMER RD/LONDON  
SE5 9PJ//ENGLAND/ (REPRINT); JOHN RADCLIFFE HOSP,DEPT MICROBIOL/OXFORD OX3  
9DU//ENGLAND/; CHELSEA & WESTMINSTER HOSP,/LONDON//ENGLAND/

**Journal:** ANAESTHESIA , 2000 , V 55 , N4 ( APR ) , P 344-354

**ISSN:** 0003-2409 **Publication date:** 20000400

**Publisher:** BLACKWELL SCIENCE LTD , P O BOX 88, OSNEY MEAD, OXFORD OX2 0NE, OXON,  
ENGLAND

**Language:** English **Document Type:** REVIEW ( ABSTRACT AVAILABLE )

**Identifiers--** ...PNEUMOCYSTIS-CARINII PNEUMONIA; HUMAN-IMMUNODEFICIENCY-VIRUS;  
**POSITIVE AIRWAY PRESSURE;** AMBULATORY AIDS PATIENTS; ANTIRETROVIRAL THERAPY;  
ANESTHESIA PERSONNEL; INFECTED PATIENTS; **ABDOMINAL-PAIN;** FACE MASK; DISEASE

34/3,K/17 (Item 7 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options  
SciSearch(R) Cited Ref Sci

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06079673 **Genuine Article#:** XT926 **No. References:** 13

**Sleep changes after 4 consecutive days of venlafaxine administration in normal volunteers**

**Author:** SalinPascual RJ (REPRINT) ; GaliciaPolo L; DruckerColin R

**Corporate Source:** NATL AUTONOMOUS UNIV MEXICO,FAC MED, DEPT FISIOL, APDO POSTAL 70-250/MEXICO CITY 04510/DF/MEXICO/ (REPRINT); UNIV NACL AUTONOMA MEXICO,HOSP PSIQUIATR FRAY BERNARDINO ALVAREZ, SERV INVEST, SECRETARIA SALUD/MEXICO CITY 04510/DF/MEXICO/; UNIV NACL AUTONOMA MEXICO,INST FISIOL CELULAR, DEPT NEUROCIENCIAS/MEXICO CITY 04510/DF/MEXICO/

**Journal:** JOURNAL OF CLINICAL PSYCHIATRY , 1997 , V 58 , N8 ( AUG ) , P 348-350

**ISSN:** 0160-6689 **Publication date:** 19970800

**Publisher:** PHYSICIANS POSTGRADUATE PRESS , P O BOX 240008, MEMPHIS, TN 38124

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Identifiers--** ...**DEPRESSION**

**Research Fronts:** 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-2988 001 (NEFAZODONE TREATMENT OF MAJOR DEPRESSION; ANTIDEPRESSANT ACTION; NONLINEAR PHARMACOKINETICS; SEROTONIN UPTAKE INHIBITORS)

34/3,K/18 (Item 8 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options  
SciSearch(R) Cited Ref Sci

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05829487 **Genuine Article#:** WY252 **No. References:** 35

**Effects of the seasons and of bright light administered at different times of day on sleep EEG and mood in patients with seasonal affective disorder**

**Author:** Palchikov VE (REPRINT) ; Zolotarev DY; Danilenko KV; Putilov AA

**Corporate Source:** RUSSIAN ACAD MED SCI,INST PHYSIOL, SIBERIAN BRANCH, 2 TIMAKOVA STR/NOVOSIBIRSK 630117//RUSSIA/ (REPRINT)

**Journal:** BIOLOGICAL RHYTHM RESEARCH , 1997 , V 28 , N2 ( MAY ) , P 166-184

**ISSN:** 0929-1016 **Publication date:** 19970500

**Publisher:** SWETS ZEITLINGER PUBLISHERS , P O BOX 825, 2160 SZ LISSE, NETHERLANDS

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** ...following light treatment the difference disappeared. The reduced amounts of slow wave sleep in the depressive state predicted higher reduction and low posttreatment scores on psychiatric scales. Light treatment and summer... ..sleep results in the hypersomnia and may be considered as a trait marker of winter depression. An abnormal architecture of nonREM sleep appears to be a state marker of those patients...

**Identifiers--** ...THERAPY; **DEPRESSION**; PLACEBO

**Research Fronts:** 95-7261 002 (SEASONAL AFFECTIVE-DISORDER; LIGHT THERAPY; NONSEASONAL DEPRESSION)

95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY

**PRESSURE; CARDIAC AUTONOMIC FUNCTION)**

95-2328 001 (SLEEP EEG; MAJOR **DEPRESSION**; CHRONIC MILD STRESS-INDUCED ANHEDONIA MODEL)

34/3,K/19 (Item 1 from file: 73)

Fulltext available through: USPTO Full Text Retrieval Options

EMBASE

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12850503 EMBASE No: 2004447106

**Nasal dilator strip therapy for chronic sleep maintenance insomnia: A case series**

Krakow B.; Melendrez D.; Sisley B.; Warner T.D.; Krakow J.

Dr. B. Krakow, Sleep and Human Health Institute, 6739 Academy NE, Albuquerque, NM 87109 United States

**Author Email:** bkrakow@sleepreatment.com

Sleep and Breathing ( SLEEP BREATHING ) ( United States ) 2004 , 8/3 (133-140)

**CODEN:** SBLRB **ISSN:** 1520-9512

**Document Type:**

Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 21

**Nasal dilator strip therapy for chronic sleep maintenance insomnia: A case series**

Sleep-disordered breathing (SDB) is a salient factor in chronic sleep maintenance insomnia. However, many insomnia patients with comorbid SDB may not be interested initially in receiving treatment with continuous positive airway pressure or oral appliance therapy. As an interim pathway, we used Breathe Right(R) nasal dilator strip (NDS) therapy to introduce these patients to the relationship between insomnia and SDB. We hypothesized that NDS-associated improvements might motivate patients to pursue comprehensive SDB therapies. In this open label trial, three men with chronic sleep maintenance insomnia were treated with an educational session about SDB coupled with nightly NDS therapy. At 4-week follow-up, global insomnia severity, difficulty staying asleep, difficulty falling back asleep when awakened, total number of awakenings, and wake time after sleep onset systematically improved. Following NDS therapy, all three insomnia patients elected to pursue comprehensive SDB treatment at local sleep centers. Copyright (c) 2004 by...

**MEDICAL DESCRIPTORS:**

\* insomnia--therapy--th; \*sleep disorder--therapy--th; \*breathing disorder--therapy--th

34/3,K/20 (Item 2 from file: 73)

Fulltext available through: USPTO Full Text Retrieval Options

EMBASE

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12841957 EMBASE No: 2004438165

**Post-polio syndrome**

Jubelt B.

Dr. B. Jubelt, Department of Neurology, State University of New York, Upstate Medical University, 750 East Adams Street, Syracuse, NY 13210 United States

**Author Email:** jubeltb@upstate.edu

Current Treatment Options in Neurology ( CURR. TREAT. OPTIONS NEUROL. ) ( United Kingdom ) 2004 , 6/2 (87-93)

**CODEN:** CTONB **ISSN:** 1092-8480

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 37

...Neurologic manifestations include new weakness, muscle atrophy, dysphagia, dysphonia, and respiratory failure. Musculoskeletal manifestations include **muscle pain**, joint **pain**, spinal spondylosis and scoliosis, and secondary root and peripheral nerve compression. General manifestations include generalized... ..disorders are treated similarly to sleep disorders in non-PPS patients. Respiratory failure may be **treated** with **continuous positive airway pressure**, bilevel **positive airway pressure**, and nasal ventilation, or tracheotomy and permanent ventilation if necessary. Musculoskeletal (**muscle** and joint) **pain** is treated with weight loss, pacing of activities, use of assistive devices, and prescribing anti...

34/3,K/21 (Item 3 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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12802982 **EMBASE No:** 2004397679

**Long-term non-invasive positive pressure ventilation among cystic fibrosis patients awaiting lung transplantation**

Efrati O.; Modan-Moses D.; Barak A.; Boujanover Y.; Augarten A.; Szeinberg A.; Levy I.; Yahav Y.

Dr. O. Efrati, Pediatric Pulmonary Unit, Sheba Medical Center, Tel Hoshomer 52621 Israel

**Author Email:** ori.efrati@sheba.health.gov.il

Israel Medical Association Journal ( ISR. MED. ASSOC. J. ) ( Israel ) 2004 , 6/9 (527-530)

**CODEN:** IMAJC **ISSN:** 1565-1088

**Document Type:** Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 25

...Between 1996 and 2001 nine CF patients (5 females) with end-stage lung disease were **treated** with **bi-level positive airway pressure** ventilation in the "spontaneous" mode. Results: The patients' mean age at initiation of BiPAP was...

**MEDICAL DESCRIPTORS:**

...su; lung insufficiency--therapy--th; treatment outcome; body mass; statistical significance; blood pH; carbon dioxide **tension**; death; lung function test; **headache**; sleep; arterial gas; symptomatology; human; male; female; clinical article; controlled study; adolescent; adult; article

34/3,K/22 (Item 4 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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12564884 EMBASE No: 2004170308

**Refractory insomnia and sleep-disordered breathing: A pilot study**

Krakow B.; Melendrez D.; Lee S.A.; Warner T.D.; Clark J.O.; Sklar D.

Dr. B. Krakow, Sleep and Human Health Institute, 6739 Academy NE, Albuquerque, NM 87109 United States

Author Email: bkrakow@sleep-treatment.com

Sleep and Breathing ( SLEEP BREATHING ) ( United States ) 2004 , 8/1 (15-29)

CODEN: SBLRB ISSN: 1520-9512

Document Type: Journal ; Article

Language: ENGLISH Summary Language: ENGLISH

Number Of References: 69

**Refractory insomnia and sleep-disordered breathing: A pilot study**

...open-label trial of sleep-disordered breathing (SDB) treatment on two different samples of chronic insomnia patients. Method: In Study 1 (Retrospective), data from one diagnostic and one continuous positive airway pressure (CPAP) titration polysomnogram were compiled from 19 chronic insomnia patients with SDB. Objective polysomnogram indicators of sleep and arousal activity and self-reported sleep quality were measured. In Study 2 (Prospective), clinical outcomes were assessed after sequential cognitive-behavioral therapy (CBT) and SDB therapy (CPAP, oral appliances, or bilateral turbinectomy) were provided to 17 chronic insomnia patients with SDB. Repeat measures included the Insomnia Severity Index, Functional Outcomes of Sleep Questionnaire, Pittsburgh Sleep Quality Index, and self-reported insomnia indices and CPAP use. Results: In Study 1, seven objective measures of sleep and arousal... ..of CPAP titration. Sixteen of 19 patients reported improvement in sleep quality. In Study 2, Insomnia Severity Index, Functional Outcomes of Sleep Questionnaire, and Pittsburgh Sleep Quality Index improved markedly with... ..for each treatment phase; however, of 17 patients, only 8 attained a nonclinical level of insomnia after CBT compared with 15 patients after SDB therapy was added. Self-reported insomnia indices also improved markedly, and self-reported SDB therapy compliance was high. Conclusions: In one small sample of chronic insomnia patients with SDB, objective measures of insomnia, arousal, and sleep improved during one night of CPAP titration. In a second small sample, validated measures of insomnia, sleep quality, and sleep impairment demonstrated clinical cures or near-cures after combined CBT and... ..pilot results suggest a potential value in researching the pathophysiological relationships between SDB and chronic insomnia, which may be particularly relevant to patients with refractory insomnia. Copyright (c) 2004 by Thieme Medical Publishers, Inc.

**MEDICAL DESCRIPTORS:**

\* insomnia--diagnosis--di; \*insomnia--therapy--th; \*sleep disorder--diagnosis--di; \*sleep disorder--therapy--th; \*breathing disorder --diagnosis--di; \*breathing...

34/3,K/23 (Item 5 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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12217425 EMBASE No: 2003330092

**Description and clinical treatment of an early outbreak of severe acute respiratory syndrome (SARS) in Guangzhou, PR China**

Zhao Z.; Zhang F.; Xu M.; Huang K.; Zhong W.; Cai W.; Yin Z.; Huang S.; Deng Z.; Wei M.; Xiong J.; Hawkey

P.M.

Z. Zhao, Depts. of Resp. Dis./Lab. Medicine, First Munic. People's Hosp. G., 1 Panfu Road, Guangzhou China

**Author Email:** zhaozw1963@yahoo.com.cn

Journal of Medical Microbiology ( J. MED. MICROBIOL. ) ( United Kingdom ) 01 AUG 2003 , 52/8 (715-720)

**CODEN:** JMMIA **ISSN:** 0022-2615

**Document Type:** Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 16

...was seen in the group of 60 patients receiving early high-dose steroids and nasal **CPAP** (continuous airway positive pressure) ventilation; the other three **treatment** groups had significant mortality. Cross-infection to medical and nursing staff was completely prevented in... ..which more than 350 patients have been infected. Early administration of high-dose steroids and **CPAP** ventilation appears to offer the best supportive **treatment** with a reduced mortality compared with other treatment regimens.

**MEDICAL DESCRIPTORS:**

China; clinical feature; early diagnosis; Coronavirus; laboratory diagnosis ; virus identification; aerosol; dyspnea; coughing; myalgia; **diarrhea**; bronchopneumonia; epidemic; positive end expiratory pressure; thorax radiography; mortality; cross infection; medical staff; intermethod comparison...

34/3,K/24 (Item 6 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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12038760 **EMBASE No:** 2003150073

**Adult respiratory distress syndrome and renal failure associated with citalopram overdose**

Kelly C.A.; Upex A.; Spencer E.P.; Flanagan R.J.; Bateman D.N.

Dr. C.A. Kelly, Scottish Poisons Information Bureau, Royal Infirmary, Little France, Edinburgh EH16 4SU United Kingdom

**Author Email:** cathy.kelly@luht.scot.nhs.uk

Human and Experimental Toxicology ( HUM. EXP. TOXICOL. ) ( United Kingdom ) 01 FEB 2003 , 22/2 (103-105)

**CODEN:** HETOE **ISSN:** 0960-3271

**Document Type:** Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 9

...increasingly hypoxic, with chest X-ray changes compatible with adult respiratory distress syndrome (ARDS). Despite **treatment** with 100% oxygen and **continuous positive airway pressure**, his gas exchange continued to deteriorate, requiring intubation and ventilation. His renal function also deteriorated...

**MEDICAL DESCRIPTORS:**

...gas exchange; intubation; artificial ventilation; creatinine blood level ; rhabdomyolysis; drug blood level; heart disease; coma; **depression** --drug therapy--dt; human; male; case report; adult; article; priority journal



34/3,K/25 (Item 7 from file: 73)

Fulltext available through:

USPTO Full Text Retrieval Options

EMBASE

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11098733 EMBASE No: 2001117819

**Sleep-related breathing disorders: Current treatment options**

Mohsenin V.

Dr. V. Mohsenin, Yale Center for Sleep Medicine, 40 Temple St., New Haven, CT 06510 United States

**Author Email:** vahid.mohsenin@yale.edu

Clinical Pulmonary Medicine ( CLIN. PULM. MED. ) ( United States ) 2001 , 8/2 (95-100)

**CODEN:** CPMEF **ISSN:** 1068-0640

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 80

...related breathing disorders are common and associated with high morbidity in the form of hypersomnia, **chronic fatigue**, and cognitive dysfunction. If the disorder remains untreated it may lead to cardiovascular and cerebrovascular... ..marked improvement in quality of life and reduction in health care needs. There are several **treatment** options available that are quite effective. Nasal **continuous positive airway pressure** is the most popular **treatment** modality with an overall acceptance rate of 70%. Newer methods include application of mandibular advancement...

**MEDICAL DESCRIPTORS:**

treatment planning; morbidity; hypersomnia; **chronic fatigue** syndrome; positive end expiratory pressure; radiofrequency; disease severity; comorbidity; upper respiratory tract; respiratory tract malformation...

34/3,K/26 (Item 8 from file: 73)

Fulltext available through: USPTO Full Text Retrieval Options

EMBASE

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10867604 EMBASE No: 2000344345

**Respiratory disorders during sleep in patient with epilepsy: Effect of ventilatory therapy on EEG interictal epileptiform discharges**

Oliveira A.J.; Zamagni M.; Dolso P.; Bassetti M.A.; Gigli G.L.

G.L. Gigli, Department of Neuroscience, Ospedale S.M. della Misericordia, 33100 Udine Italy

**Author Email:** prim.neuro@aoud.sanita.fvg.it

Clinical Neurophysiology ( CLIN. NEUROPHYSIOL. ) ( Ireland ) 01 SEP 2000 , 111/SUPPL. 2 (S141-S145)

**CODEN:** CNEUF **ISSN:** 1388-2457

**Publisher Item Identifier:** S1388245700004156

**Document Type:** Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 16

...variety of diseases, including epilepsy, with important implications for the clinical management of the latter. **Sleep fragmentation** and deprivation, and hypoxia associated to sleep disordered breathing (SDB) may contribute to the occurrence... ..obstructive pulmonary diseases - COPD - and snoring) underwent two nocturnal polysomnographies (PSG) - before and after ventilatory **therapy** with **CPAP** (in 6 patients with OSAS) or oxygen (in two patients with COPD and snoring). Spiking...

34/3,K/27 (Item 1 from file: 144)

Fulltext available through: ScienceDirect

Pascal

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15989363 PASCAL No.: 03-0134350

To breathe, perchance to sleep: Sleep-disordered breathing and chronic **insomnia** among trauma survivors

KRAKOW Barry; MELENDREZ Dominic; WARNER Teddy D; DORIN Richard  
; HARPER Ronald; HOLLIFIELD Michael

Sleep and Human Health Institute, Albuquerque, New Mexico, United States;  
University of New Mexico Health Sciences Center, Albuquerque, New Mexico,  
United States; Department of Psychiatry, University of New Mexico School of  
Medicine, Albuquerque, New Mexico, United States; Department of Emergency  
Medicine, University of New Mexico School of Medicine, Albuquerque, New  
Mexico, United States; Department of Medicine and Biochemistry/Molecular  
Biology, University of New Mexico School of Medicine, Albuquerque, New  
Mexico, United States; New Mexico Veterans Administration Healthcare System  
, Albuquerque, New Mexico, United States; Department of Neurobiology,  
School of Medicine, University of California Los Angeles, United States;  
Department of Family and Community Medicine, University of New Mexico  
School of Medicine, Albuquerque, New Mexico, United States

Journal: Sleep & breathing, 2002  
, 6 (4) 189-202

Language: English

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To breathe, perchance to sleep: Sleep-disordered breathing and chronic **insomnia** among trauma survivors

... This paradigm may limit understanding of sleep problems in PTSD by promulgating such terms as "**insomnia** related to another mental disorder," a.k.a. "psychiatric **insomnia**." Emerging evidence invites a broader comorbidity perspective, based on recent findings that post-traumatic sleep disturbance frequently manifests with the combination of **insomnia** and a higher-than-expected prevalence of

sleep-disordered breathing (SDB). In this model of...

... and related psychiatric distress; and this relationship appears very important as demonstrated by improvement in **insomnia**, nightmares, and post-traumatic stress with successful SDB **treatment**, independent of psychiatric interventions. **Continuous positive airway pressure treatment** in PTSD patients with SDB reduced electroencephalographic arousals and **sleep fragmentation**, which are usually attributed to central nervous system or psychophysiological processes. Related findings and clinical experience suggest that other types of chronic **insomnia** may also be related to SDB. We hypothesize that an arousal-based mechanism, perhaps initiated by post-traumatic stress and/or chronic **insomnia**, may promote the development of SDB in a trauma survivor and perhaps other patients with chronic **insomnia**. We discuss potential neurohormonal pathways and neuroanatomical sites that may be involved in this proposed interaction between **insomnia** and SDB.

English Descriptors: Trauma; **Insomnia**; Sleep disorder; Posttraumatic syndrome; Human

34/3,K/28 (Item 2 from file: 144)

Fulltext available through: [ScienceDirect](#)

Pascal

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10127413 PASCAL No.: 92-0333166

Changes in psychopathological symptoms in sleep anea patients after **treatment** with nasal **continuous positive airway pressure**

RAMOS PLATON M J; ESPINAR SIERRA J

Univ. Complutense, school psychology, dep. psychobiology, 28023 Madrid, Spain

Journal: International journal of neuroscience,  
1992, 62 (3-4)  
173-195

Language: English

Changes in psychopathological symptoms in sleep anea patients after **treatment** with nasal **continuous positive airway**

**pressure**

English Descriptors: Apnea; Sleep disorder; Treatment; Anxiety;  
**Depression**; Schizophrenia; Electroencephalography;  
Electrocardiography; Electromyography; Human; Minnesota Multiphasic  
Personality Inventory

34/3,K/29 (Item 1 from file: 155)

Fulltext available through: USPTO Full Text Retrieval Options

MEDLINE(R)

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14948076 **PMID**: 15199419

**[Sleep disorders in multiple system atrophy]**

Alteraciones del sueno en la atrofia multisistemica.

Santamaria J; Iranzo A; Tolosa E

Servicio de Neurologia, Hospital Clinic de Barcelona, Barcelona. jsantam@clinic.ub.es

Neurologia (Barcelona, Spain) ( Spain ) Jul-Aug 2004 , 19 (6) p307-11 , **ISSN**: 0213-4853--Print **Journal**

**Code**: 9005460

Publishing Model Print

**Document type**: English Abstract; Journal Article; Review

**Languages**: SPANISH

**Main Citation Owner**: NLM

**Record type**: MEDLINE; Completed

...in multiple system atrophy that they should be considered an integral part of the disease. **Sleep fragmentation** occurs in more than half of the patients, with sleep onset and sleep maintenance **insomnia**. Periodic leg movements of sleep are also common, although they are generally asymptomatic. REM sleep... ..however, is the most likely explanation. Nocturnal stridor is associated with decreased survival and its **treatment** is based on continuous positive air pressure (**CPAP**) when it occurs only during sleep or tracheostomy when it worsens and becomes also diurnal.

34/3,K/30 (Item 2 from file: 155)

Fulltext available through: USPTO Full Text Retrieval Options

MEDLINE(R)

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14704438 **PMID**: 15600134

**Behavioral sleep medicine: a historical perspective.**

Stepanski Edward J

Sleep Disorder Service and Research Center, Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL 60612, USA. estepans@rush.edu

Behavioral sleep medicine ( United States ) 2003 , 1 (1) p4-21 , **ISSN**: 1540-2002--Print **Journal Code**: 101149327

Publishing Model Print

**Document type:** Historical Article; Journal Article

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...BSM to current practice. Important innovations include the expansion of BSM beyond the treatment of **insomnia** to include treatment of pediatric sleep disorders, circadian rhythm disorders, parasomnias, as well as desensitization procedures for patients undergoing **treatment** with nasal **continuous positive airway pressure (CPAP)**.  
; Behavioral Medicine--methods--MT; Chronobiology Disorders--**therapy** --TH; Cognitive **Therapy**--methods--MT; **Continuous Positive Airway Pressure**--methods--MT; History, 20th Century; Humans; Relaxation Techniques; Sleep Initiation and Maintenance Disorders--therapy--TH

34/3,K/31 (Item 3 from file: 155)

Fulltext available through: USPTO Full Text Retrieval Options

MEDLINE(R)

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11819080 **PMID:** 9641039

**[Lung physiotherapy as prophylaxis against atelectasis and pneumonia after abdominal surgery]**

Lungefysioterapi som profylakse mod atelektase og pneumoni efter abdominal kirurgi.

Lie C; Kehlet H; Rosenberg J

Hvidovre Hospital, kirurgisk gastroenterologisk afdeling.

Ugeskrift for laeger ( DENMARK ) Jun 8 1998 , 160 (24) p3540-4 , ISSN: 0041-5782--Print **Journal Code:** 0141730

Publishing Model Print

**Document type:** English Abstract; Journal Article; Review

**Languages:** DANISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...To prevent this, an array of methods, such as lung physiotherapy, incentive spirometry, or mask **treatment** with **positive airway pressure** are used. The available controlled studies indicate that none of these treatment modalities reduce the... ..reduce the development of postoperative pneumonia. Thus, we recommend lung physiotherapy as prophylactic treatment after **abdominal** surgery. The value of optimized **pain** alleviation and mobilisation in addition to lung physiotherapy should be evaluated in future trials.

? d s

Set	Items	Description
S1	20663	S POSITIVE()AIRWAY()PRESSURE
S2	48	S INSPIRAT?????()AIRFLOW()LIMITATION? ?
S3	65478	S SLEEP() (APNEA OR APNOEA)
S4	65502	S S2 OR S3

S5	17589	S (BI()LEVEL OR CONTINUOUS OR AUTO()TITRAT??? OR AUTOTITRAT???)()S1
S6	12977	S CPAP
S7	21780	S S5 OR S6
S8	24483	S S1 OR S7
S9	12568	S S8 AND S4
S10	10951	S S8(10N)(THERAP??? OR THERAPEUT? OR TREAT??? OR TREATMENT??)
S11	8143	S S10 AND S4
S12	25122	S CHRONIC()FATIGUE OR CFS
S13	38732	S (MIGRAINE? OR TENSION)(5N)(HEADACHE? OR PAIN? ?)
S14	32354	S IRRITABLE()BOWEL? ? OR IBS
S15	50599	S INSOMNIA? OR SLEEP(5N)FRAGMENT?
S16	4196	S BRUXISM?
S17	35948	S (MUSCLE? ? OR MUSCULAR?)(5N)(PAIN? ? OR TENDERNESS?)
S18	122773	S (ABDOME? OR ABDOMIN?)(5N)(PAIN? ? OR URGEN?)
S19	259683	S DIARRHEA?
S20	846036	S DEPRESSION? ?
S21	210081	S DEPRESSIVE?
S22	916679	S S20 OR S21
S23	1243	S ORTHOSTAT?(3N)SYNCO?
S24	1274	S (ALPHA()DELTA OR AD)(3N)SLEEP
S25	794	S S11 AND S12:S24
S26	453	RD (unique items)
S27	130	S S26/2004-2007
S28	323	S S26 NOT S27
S29	0	S S28 NOT (APNEA OR APNOEA)
S30	2808	S S10 NOT S11
S31	76	S S30 AND S12:S24
S32	42	RD (unique items)
S33	11	S S32/2005-2007
S34	31	S S32 NOT S33
S35	9808	S S8(5N)(TREAT??? OR TREATMENT? OR THERAP??? OR THERAPEUT?)

S36        2287    S S35 NOT S3

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3/3,K/3 (Item 3 from file: 5)

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0019747249 Biosis No.: 200700406990

**Cyclic alternating pattern in the electroencephalogram: What is its clinical utility? Comment on Guilleminault C, Lopes C, Hagen CC et al. The cyclic alternating pattern demonstrates increased sleep instability and correlates with fatigue and sleepiness in adults with upper airway resistance syndrome. SLEEP 2007;30(5): 639-645**

**Author:** Thomas Robert Joseph (Reprint)

**Author Address:** Beth Israel Deaconess Med Ctr, Pulm Off, Div Pulm Crit Care and Sleep Med, Boston, MA 02215 USA\*\*USA

**Author E-mail Address:** rthomas1@bidmc.harvard.edu

**Journal:** Sleep (Rochester) 30 ( 5 ): p 553-555 MAY 1 2007 2007

**ISSN:** 0161-8105

**Document Type:** Article; Editorial

**Record Type:** Citation

**Language:** English

**DESCRIPTORS:**

**Methods & Equipment:** ...positive airway pressure therapy--... ..therapeutic and prophylactic techniques, clinical techniques

32/3,K/11 (Item 11 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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15800188 Biosis No.: 200000518501

**Unexpectedly severe sleep and respiratory pathology in patients with amyotrophic lateral sclerosis**

**Author:** Barthlen G M; Lange D J (Reprint)

**Author Address:** Department of Neurology, Mt Sinai School of Medicine of New York University, One Gustave L. Levy Place, New York, NY, 10026, USA\*\*USA

**Journal:** European Journal of Neurology 7 ( 3 ): p 299-302 May, 2000 2000

**Medium:** print

**ISSN:** 1351-5101

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...hypoventilation, with oxygen saturations oscillating between 86 and 83%. Both patients showed severe sleep maintenance **insomnia** with a sleep efficiency < 40% and frequent arousals while asleep. Application of continuous **positive airway pressure (CPAP)** restored normal nocturnal ventilation, blood oxygenation and sleep parameters in the first patient; compliance, however, was poor. The second patient was unable to tolerate **CPAP**. We conclude that ALS patients with excessive daytime sleepiness or **insomnia** should undergo polysomnography to adequately diagnose nocturnal respiratory insufficiency and sleep disturbance. Compliance with **treatment**, however, may be poor.



**DESCRIPTORS:**

**Diseases:** ...insomnia--

**Methods & Equipment:** continuous positive airway pressure--... ..therapeutic method

32/3,K/13 (Item 13 from file: 5)

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Biosis Previews(R)

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15101353 Biosis No.: 199900361013

**Clinical characteristics of upper airway resistance syndrome**

**Author:** Watanabe Takuya (Reprint); Mikami Akira; Taniguchi Mitsutaka; Motonishi Masamichi; Honda Hideharu; Kyotani Kyoko; Uruha Shigehiko; Terashima Kiyoji ; Teshima Yoshio; Egawa Isao; Sugita Yoshiro; Takeda Masatoshi

**Author Address:** Sleep EEG Lab. Dept. of Psychiatry (D3), Osaka University Medical School, 2-11 Yamadaoka, Suita, Osaka, 565-0871, Japan\*\*Japan

**Journal:** Psychiatry and Clinical Neurosciences 53 ( 2 ): p 331-333 April, 1999 1999

**Medium:** print

**ISSN:** 1323-1316

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...upper airway resistance syndrome. The mean scores of the Epworth sleepiness scale and self-rating depression scale in eight cases were 13.5 and 38.6, respectively. The mean sleep latency... ..the multiple sleep latency test in four cases was 10.2 min. Seven cases were **treated** with continuous **positive airway pressure** (CPAP), and one with hormone replacement **therapy**. The most common symptom was daytime sleepiness. Five cases had hypertension. CPAP reduced increasing negative esophageal pressure (Pes) and frequency of EEG arousals, and improved hypertension in one case. Hormone replacement **therapy** ameliorated increasing negative Pes and clinical symptoms.

32/3,K/14 (Item 14 from file: 5)

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14613482 Biosis No.: 199800407729

**Sleep and neuromuscular disease: Bilevel positive airway pressure by nasal mask as a treatment for sleep disordered breathing in patients with neuromuscular disease**

**Author:** Guilleminault Christian (Reprint); Philip Pierre; Robinson Anstella

**Author Address:** Sleep Disorders Cent., 701 Welch Road, Suite 2226, Palo Alto, CA 94304, USA \*\*USA

**Journal:** Journal of Neurology Neurosurgery and Psychiatry 65 ( 2 ): p 225-232 Aug., 1998 1998

**Medium:** print

**ISSN:** 0022-3050

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Sleep and neuromuscular disease:** Bilevel positive airway pressure by nasal mask as a treatment for sleep disordered breathing in patients with neuromuscular disease

**Abstract:** Objective-Investigation of the therapeutic effects of bilevel positive airway pressure delivered by nasal mask in patients with neuromuscular disease. Methods-20 patients with neuromuscular disease... symptoms of nocturnal sleep disruption. These symptoms included daytime tiredness, fatigue, sleepiness, and complaints of insomnia. The patients were studied with nocturnal polysomnograms and daytime multiple sleep latency tests (MSLT). Their immediate and long term responses to bilevel positive airway pressure were also investigated. The study took place at the Stanford University Sleep Disorders Clinic. Some... form of non-invasive ventilation. All but one of these were initially maintained on bilevel positive airway pressure spontaneous (S) mode, although one patient required a switch to the timed (T) mode within a year. The mean expiratory positive airway pressure (EPAP) used was 4.5 with a range of 4 to 5 cm H<sub>2</sub>O. The mean inspiratory positive airway pressure (IPAP) was 11.5, range 9 to 14 cm H<sub>2</sub>O. Before treatment the MSLTs were 8 minutes in 11 of the patients. The overall mean score was 8.2 (SD) 1.3 minutes. After long term treatment the mean MSLT was 12.5 (SD 2) minutes and the mean ESS score was... into their masks. Three patients with myotonic dystrophy presented continued daytime somnolence despite apparent adequate treatment of their sleep disordered breathing. This required the addition of stimulant medication to their regimen... positive pressure ventilation delivered by traditional volume cycled home ventilator (volume controlled NIPPV). Conclusions-Bilevel positive airway pressure delivered by nasal mask may be used successfully to treat sleep disordered breathing associated with neuromuscular disease. This device can be employed to assist nocturnal ...

**DESCRIPTORS:**

**Diseases:** ...nervous system disease, respiratory system disease, treatment

**Methods & Equipment:** bilevel positive airway pressure--... therapeutic method

32/3,K/15 (Item 15 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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14528841 Biosis No.: 199800323088

**Improvement of QOL by advance in the management of respiratory disorders, dysphagia and upper gastrointestinal disorders in children with severe cerebral palsy**

**Author:** Kitazumi Eiji (Reprint)

**Author Address:** Dep. Pediatr., Natl. Rehabilitation Cent. Disabled Child., Tokyo, Japan\*\* Japan

**Journal:** No To Hattatsu 30 ( 3 ): p 207-214 May, 1998 1998

**Medium:** print

**ISSN:** 0029-0831

**Document Type:** Article

**Record Type:** Abstract

**Language:** Japanese

**Abstract:** ...and their consequent complications. Non-invasive ventilatory support methods such as nasal IPPV and nasal CPAP can be also effective. Enteral feeding through a naso-jejunal catheter can successfully manage feeding difficulty due to gastroesophageal reflux when surgical **treatment** is difficult. Exact assessment of aspiration by adequately performed video-fluoroscopic swallowing examination leads to rational management of dysphagia. Tube feeding by intermittent oro-gastric catheterization combined with oral feeding is useful way in many dysphagic children. Surgical **treatment** for prevention of aspiration markedly improves the general condition. These **treatments** and managements have markedly improved the QOL of children with severe cerebral palsy in many...

**DESCRIPTORS:**

**Diseases:** ...digestive system disease, assessment, management, surgical **treatment**; ... ..respiratory system disease, management, surgical **treatment**; ... ..digestive system disease, management, surgical **treatment**

**Methods & Equipment:** ...nasal CPAP {nasal continuous positive airway pressure}--

32/3,K/16 (Item 16 from file: 5)

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14425653 Biosis No.: 199800219900

**Continuous positive airway pressure: Patients' and caregivers' learning needs and barriers to use**

**Author:** Smith Carol E (Reprint); Mayer Linda S; Metsker Claudette; Voelker Michele; Baldwin Susan; Whitman Robert A; Pingleton Susan K

**Author Address:** 13220 W. 102nd St., Lenexa, KS 66215, USA\*\*USA

**Journal:** Heart and Lung 27 ( 2 ): p 99-108 March-April, 1998 1998

**Medium:** print

**ISSN:** 0147-9563

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Continuous positive airway pressure: Patients' and caregivers' learning needs and barriers to use**

**Abstract:** **OBJECTIVE:** To identify learning needs and factors related to postdischarge use of continuous positive airway pressure ( CPAP) ventilation. **DESIGN:** Exploratory descriptive correlational. **SETTING:** Metropolitan and rural clinics. **SUBJECTS:** Adult patients (N = 21 ... ..60 years or older. **INSTRUMENTS:** Family interviews, life satisfaction and quality, family function and relationship, depression and learning preparedness. **RESULTS:** There were numerous learning needs related to CPAP machine management, monitoring illness severity, and recognizing depressive symptomology, oxygen deficits, and cardiovascular sequelae. Family members are involved in overcoming barriers interfering with nightly CPAP use. Interview and questionnaire data clearly indicate life satisfaction improves after CPAP treatment. **CONCLUSION:** Predischage and teaching programs coordinated by expert nurses are needed to address families' learning needs and support habitual long-term CPAP use. Family problem solving and depression interventions, instruction on recognizing symptoms of cardiovascular complications, and long-term follow-up programs are...

**DESCRIPTORS:**

**Methods & Equipment:** continuous positive airway pressure ventilation... ..therapeutic method

**Miscellaneous Terms:** Concept Codes: ...!depression;

32/3,K/17 (Item 17 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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14173347 Biosis No.: 199799807407

**Nocturnal respiratory failure as an indication of noninvasive ventilation in the patient with neuromuscular disease**

**Author:** Barthlen Gabriele M

**Author Address:** Schlaflabor, Robert-Koch Klinik, Universitaetsklin. Freiburg, Hugstetterstrasse 55, D-79106 Freiburg, Germany\*\*Germany

**Journal:** Respiration 64 ( SUPPL. 1 ): p 35-38 1997 1997

**ISSN:** 0025-7931

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...Diagnosis of obstructive, central and mixed apneas, hypopneas, and hypoventilation is best made using polysomnography. **Therapeutic** options include noninvasive ventilation such as continuous **positive airway pressure**, bilevel **positive airway pressure**, intermittent positive pressure ventilation and, rarely, tracheostomy, oxygen, or protriptyline. Evaluation by a sleep specialist... ..with nocturnal symptoms such as air hunger, intermittent snoring or breathing, orthopnea, cyanosis, restlessness, and **insomnia**. Daytime symptoms may include morning drowsiness, headaches and excessive daytime sleepiness. Polycythemia, hypertension, and signs of heart failure may also be seen. Effective **treatment** is available, and may improve the quality of life, and possibly increase survival.

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes:** ...THERAPEUTIC METHOD

32/3,K/18 (Item 18 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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13133494 Biosis No.: 199698601327

**Obstructive sleep hypopnea syndrome in a patient with Marfan syndrome treated with oxygen therapy**

**Author:** Verbraecken J A; Willemen M; De Cock W; Coen E; Van De Heyning P; De Backer W (Reprint)

**Author Address:** Dep. Pulmonary Med., Med. Fac., Universiteitsplein 1, B-2610 Antwerp, Belgium\*\*Belgium

**Journal:** Respiration 62 ( 6 ): p 355-358 1995 1995

**ISSN:** 0025-7931

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Obstructive sleep hypopnea syndrome in a patient with Marfan syndrome treated with oxygen therapy**

**Abstract:** ...with Marfan's syndrome and obstructive sleep hypopnea syndrome is reported. She had complained about insomnia, tiredness and hypersomnolence lasting 2 years. A complete nightly

polysomnography revealed 94 obstructive hypopneas (the... ..apneas. Presumably an increased laxity of the pharyngeal wall was responsible for the phenomenon. A therapy with CPAP was started, but was not tolerated by the patient. Oxygen therapy on the other hand turned out to be effective and well tolerated.

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes: ...INSOMNIA**

32/3,K/19 (Item 19 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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12775324 Biosis No.: 199598243157

**Upper airway sleep-disordered breathing in women**

**Author:** Guilleminault Christian (Reprint); Stoohs Riccardo; Kim Young-Do; Chervin Ronald; Black Jed; Clerk Alex

**Author Address:** Stanford Sleep Disorders Clinic Res. Cent., 701 Welch Road, Suite 2226, Palo Alto, CA 94304, USA\*\*USA

**Journal:** Annals of Internal Medicine 122 ( 7 ): p 493-501 1995 1995

**ISSN:** 0003-4819

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...1993, who where diagnosed with upper airway sleep-disordered breathing. Controls were 60 women with **insomnia** and 100 men with sleep-disordered breathing. Measurements: Clinical, anatomic, and polygraphic information. Results: The... ..noted in 45% of the women with disordered breathing. Dysmenorrhea and amenorrhea (which disappeared after **treatment** with nasal continuous **positive airway pressure**) were reported in 43% of premenopausal women compared with 13% of the persons in the control group of women with **insomnia**. Thirty-eight women (11.4%) with upper airway sleep-disordered breathing had a respiratory disturbance... ..respiratory disturbance index of less than 5. These revisions may enable more rapid diagnosis and **treatment** of women with sleep-disordered breathing.

32/3,K/20 (Item 20 from file: 5)

Fulltext available through: [ScienceDirect](#)

Biosis Previews(R)

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12434485 Biosis No.: 199497455770

**Physiologic effects of positive end-expiratory pressure and mask pressure support during exacerbations of chronic obstructive pulmonary disease**

**Author:** Appendini Lorenzo (Reprint); Patessio Antonio; Zanaboni Silvio; Carone Mauro; Gukov Boris; Donner Claudio F; Rossi Andrea

**Author Address:** Div. Pneumol., Centro Med. Riabilitazione, Via per Revislate n. 13, 28010 Veruno, Italy\*\*Italy

**Journal:** American Journal of Respiratory and Critical Care Medicine 149 ( 5 ): p 1069-1076 1994 1994

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** To assess physiologic effects of continuous **positive airway pressure (CPAP)** and positive end-expiratory pressure (PEEP) during noninvasive pressure support ventilation (PSV) in patients with... ..diaphragmatic effort (PTPdi), and arterial blood gases under four conditions: (1) spontaneous breathing (SB); (2) **CPAP**; (3) PSV of 10 cm H<sub>2</sub>O; and (4) PSV plus PEEP (PEEP+PSV). **CPAP** and PEEP were set between 80 and 90% of dynamic intrinsic PEEP (PEEPi-dyn) measured... ..the decrease in pleural pressure (DELTA-Ppl) preceding inspiration, and (2) subtracting the fall in **gastric** pressure (DELTA-Pga) caused by relaxation of the abdominal muscles from the DELTA-Ppl decrease... ..PSV increased minute ventilation, improved gas exchange, and decreased PTPdi. PEEP added to PSV, likewise **CPAP** compared with SB, further significantly decreased the diaphragmatic effort (PTPdi) went from 322 +/- 111 to... ..support the use of low levels of PEEP (80 to 90% of PEEPi-dyn) to treat acute exacerbation of COPD by means of mask PSV.

32/3,K/21 (Item 21 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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11976023 Biosis No.: 199396140439

**A double-blind crossover study of two cyclobenzaprine regimens in primary fibromyalgia syndrome**

**Author:** Santandrea S (Reprint); Montrone F; Sarzi-Puttini P; Boccassini L; Caruso I

**Author Address:** Serv. Reumatol., Ospedale L. Sacco, Via G B Grasi 74, 20157 Milano, Italy\*\* Italy

**Journal:** Journal of International Medical Research 21 ( 2 ): p 74-80 1993

**ISSN:** 0300-0605

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** ...syndrome. The patients were randomly divided into two groups. Each group of 20 patients was **treated** for 15 days with either a single dose of 10 mg/day cyclobenzaprine at bedtime on 30 mg/day cyclobenzaprine in three equal doses daily. Following **treatment** there was a 15-day washout period before the groups were crossed over to the other **treatment**. Both regimens resulted in a significant decline in the number of tender points; significant improvements were also reported in the quality of sleep, anxiety, fatigue, **irritable bowel** syndrome and stiffness. There was no significant difference in efficacy between the two **therapeutic** regimens at any stage during the trial. The frequency of reported side-effects was significantly...

**DESCRIPTORS:**

**Miscellaneous Terms: Concept Codes:** ...CONTINUOUS POSITIVE AIRWAY PRESSURE; ...  
...THERAPEUTIC METHOD

32/3,K/22 (Item 22 from file: 5)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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11953633 Biosis No.: 199396118049

**A cause of excessive daytime sleepiness: The upper airway resistance syndrome**

**Author:** Guilleminault Christian; Stoohs Riccardo; Clerk Alex; Cetel Mindy; Maistros Paul

**Author Address:** Stanford Univ. Sleep, Disorders Clinic Res. Cent., Stanford Univ. Sch. Med., Stanford, CA, USA\*\*USA

**Journal:** Chest 104 ( 3 ): p 781-787 1993

**ISSN:** 0012-3692

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Abstract:** Subjects with isolated complaints of chronic daytime sleepiness are usually classified as "idiopathic hypersomniacs" and **treated** symptomatically. A group of these subjects was investigated during nocturnal sleep and daytime naps. In a subgroup of them, **sleep** was **fragmented** by very short alpha EEG arousals throughout the sleeping period. These short arousals are usually... ..affected group. All studied subjects had upper airway anatomy that was mildly abnormal. Nasal continuous **positive airway pressure**, used as an experimental tool, eliminated the daytime sleepiness (multiple sleep latency mean score = 13... ..economic, and medical impairment. Recognition of this syndrome and its cause is important, as specific **treatments** can be developed to eliminate the problem.

32/3,K/23 (Item 23 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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11754168 Biosis No.: 199395056434

**Incidence of pneumonia, ARDS, sepsis syndrome in 125 polytrauma patients**

**Author:** Capelli O (Reprint); D'Errico R R (Reprint); Segneri M (Reprint); De Blasi R A (Reprint); Cipriani P; Mancini C; Moro L; Antonelli M (Reprint)

**Author Address:** Universita degli Studi La Sapienza Roma, Ist. Anestesiol. Rianimazione, Romania\*\*Romania

**Journal:** Acta Anaesthesiologica Italica 43 ( 3 ): p 477-484 1992

**ISSN:** 0374-4965

**Document Type:** Article

**Record Type:** Abstract

**Language:** Italian

**Abstract:** ...lower Glasgow Coma Score could correlate the incidence of pneumonia, due to eventual aspiration of **gastric** content was not confirmed as the distribution of pneumonia was identical above and below a... ..developed ARDS and 31/125 (24.8%) developed Sepsis Syndrome. These data may suggest that **treatment** of multiple trauma patient with CPPV or **CPAP**, in order to obtain a better alveolar recruitment in injured lung, might be helpful for...

32/3,K/24 (Item 24 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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11400410 Biosis No.: 199294102251

**THE EFFECT OF COMBINED HIGH FREQUENCY VENTILATION WITH AND WITHOUT  
CONTINUOUS POSITIVE AIRWAY PRESSURE IN EXPERIMENTAL LUNG INJURY**

**Author:** JOUSELA I (Reprint); MAKELAINEN A; LINKO K

**Author Address:** TALJEVAGEN 7 B 16, SF-00350 HELSINGFORS, FINLAND\*\*FINLAND

**Journal:** Acta Anaesthesiologica Scandinavica 36 ( 6 ): p 508-512 1992

**ISSN:** 0001-5172

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

**THE EFFECT OF COMBINED HIGH FREQUENCY VENTILATION WITH AND WITHOUT  
CONTINUOUS POSITIVE AIRWAY PRESSURE IN EXPERIMENTAL LUNG INJURY**

**Abstract:** Combined high frequency ventilation (CHFV) with 8 mmHg (1.0 kPa) continuous positive airway pressure (CPAP) and without CPAP (CHFV0) were compared to each other, and to continuous positive pressure ventilation (CPPV) with 8 mmHg (1.0 kPa) CPAP in pigs with oleic acid induced lung injury. The respiratory rate was 15 min-1... ..dioxide tension (PaCO<sub>2</sub>) was adjusted to 5 kPa and 25% oxygen was used. After CHFV, CPAP was briefly discontinued to allow the establishment of CHFV0 in order to examine the cardiovascular... ..peak airway pressure and the pericardiac pressure were lowest during CHFV0. CHFV provoked significant cardiovascular depression (mean arterial pressure, stroke index, left and right ventricular stroke work index). When compared to... ..function was found during CHFV0. With similar mean airway pressures (during CHFV0) or the same CPAP (during CHFV) as during CPPV, no further improvement in oxygenation due to HF waves was...

**Descriptors:** PIG THERAPEUTIC METHOD

32/3,K/25 (Item 25 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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11354831 Biosis No.: 199294056672

**CONTINUOUS POSITIVE AIRWAY PRESSURE CPAP VS. INTERMITTENT MANDATORY  
PRESSURE RELEASE VENTILATION IMPRV IN PATIENTS WITH ACUTE RESPIRATORY FAILURE**

**Author:** ROUBY J-J (Reprint); AMEUR M B; JAWISH D; CHERIF A; ANDREEV A; DREUX S; VIARS P

**Author Address:** DEP D'ANESTHESIE, HOPITAL DE LA PITIE, UNITE DE REANIMATION

CHIRURGICALE, 83 BLVD DE L'HOPITAL, F-75651 PARIS CEDEX 13, FR\*\*FRANCE

**Journal:** Intensive Care Medicine 18 ( 2 ): p 69-75 1992

**ISSN:** 0342-4642

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

**CONTINUOUS POSITIVE AIRWAY PRESSURE CPAP VS. INTERMITTENT MANDATORY  
PRESSURE RELEASE VENTILATION IMPRV IN PATIENTS WITH ACUTE RESPIRATORY FAILURE**

**Abstract:** ...a C5 quadraplegia and/or by the administration of opioids (group 2) were studied prospectively.



CPAP and IMPRV were administered to each patient in a random order during a 1 h... ..patient's contribution to minute ventilation or by increasing alveolar ventilation in presence of respiratory depression of central or peripheral origin.

**Descriptors:** HUMAN THERAPEUTIC METHOD

? t s32/3,k/26-50

32/3,K/26 (Item 26 from file: 5)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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07204931 Biosis No.: 198477036842

**THE MANAGEMENT OF CHYLO THORAX WITH CONTINUOUS POSITIVE RESPIRATION AND INTRA VENOUS HYPER ALIMENTATION A CASE OF TRAUMATIC CHYLO THORAX AFTER OPERATION FOR CARCINOMA OF THE ESOPHAGUS**

**Author:** WATANABE M (Reprint); SUZUKI S; OTHU T; WADA M; SAITO K; HATAFUKU T; MORI S

**Author Address:** DEP SURGERY I, IWATE MED UNIV SCH MED, MORIOKA, JAPAN\*\*JAPAN

**Journal:** Journal of the Japanese Association for Thoracic Surgery 30 ( 7 ): p 1330-1335 1982

**ISSN:** 0369-4739

**Document Type:** Article

**Record Type:** Abstract

**Language:** JAPANESE

**Abstract:** ...esophagus. Gastrointestinal continuity was restored by esophagogastrostomy in the left neck with preparation of the gastric tube brought up through the posterior mediastinal route. On the 2nd postoperative day, fluid output... ..The patient was discharged in good condition at 15 wk after completion of the postoperative therapeutic irradiation and adjuvant chemotherapy. Artificial ventilation using PEEP and CPAP (continuous positive airway pressure) might be suggested to facilitate the healing of the chylous leakage because of the pleural...

32/3,K/27 (Item 27 from file: 5)

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Biosis Previews(R)

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06612274 Biosis No.: 198274028697

**MENDELSONS SYNDROME**

**Author:** JENSEN P J (Reprint); HOMMELGAARD P; DAHL A

**Author Address:** VIBEVEJ 5 STTV, DK-8600 SILKEBORG

**Journal:** Ugeskrift for Laeger 143 ( 40 ): p 2564-2566 1981

**ISSN:** 0041-5782

**Document Type:** Article

**Record Type:** Abstract

**Language:** DANISH

**Abstract:** ...the degree of severity of the syndrome and the mortality increase with decreasing pH in gastric secretion. The syndrome may occur both during emergency and planned anesthetics. Many attempts have been... ..anesthesia. Metoclopramide, proved effective in emptying the stomach and cimetidine raises the pH of the gastric contents. Both of these preparations must be administered several hours prior to induction of anesthesia... ..in emergency cases at any rate. Oral administration of antacids raises the pH of the gastric contents, but pulmonary aspiration of gastric contents containing antacids is as dangerous as aspiration of acids. The most important prophylactic measures... ..the patient's stomach with a wide-bored tube and employment of experienced anesthetic staff. **Treatment** of Mendelson's syndrome consists of respirator **treatment** with continuous **positive airway pressure**, methylprednisolone and wide-spectrum antibiotics.

**Descriptors:** HUMAN METOCLOPRAMIDE CIMETIDINE ANTI ACIDS METHYL PREDNISOLONE WIDE SPECTRUM ANTIBIOTICS PULMONARY ASPIRATION CONTINUOUS POSITIVE AIRWAY PRESSURE PHARMACODYNAMICS

32/3,K/28 (Item 1 from file: 73)

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12217425 EMBASE No: 2003330092

**Description and clinical treatment of an early outbreak of severe acute respiratory syndrome (SARS) in Guangzhou, PR China**

Zhao Z.; Zhang F.; Xu M.; Huang K.; Zhong W.; Cai W.; Yin Z.; Huang S.; Deng Z.; Wei M.; Xiong J.; Hawkey P.M.

Z. Zhao, Depts. of Resp. Dis./Lab. Medicine, First Munic. People's Hosp. G., 1 Panfu Road, Guangzhou . China

**Author Email:** zhaozw1963@yahoo.com.cn

Journal of Medical Microbiology ( J. MED. MICROBIOL. ) ( United Kingdom ) 01 AUG 2003 , 52/8 (715-720)

**CODEN:** JMMIA **ISSN:** 0022-2615

**Document Type:** Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 16

**Description and clinical treatment of an early outbreak of severe acute respiratory syndrome (SARS) in Guangzhou, PR China**

...March 2003. This study reviews the clinical presentation, laboratory findings and response to four different treatment protocols. Case notes and laboratory findings were analysed and outcome measures were collected prospectively. The... ..documenting clinical and laboratory features in a cohort of 190 patients randomly allocated to four treatment regimens. Patients were infected by close contact in either family or health-care settings, particularly... ..was seen in the group of 60 patients receiving early high-dose steroids and nasal CPAP (continuous airway positive pressure) ventilation; the other three treatment groups had significant mortality. Cross-infection to medical and nursing staff was completely prevented in... ..which more than 350 patients have been infected. Early administration of high-dose steroids and CPAP ventilation appears to offer the best supportive treatment with a reduced mortality compared with other treatment regimens.

**DRUG DESCRIPTORS:**

steroid--drug dose--do; steroid--drug therapy--dt; sulperazon--drug combination--cb; sulperazon--drug

therapy--dt; ribavirin--drug combination--cb; ribavirin--drug therapy--dt; ribavirin--intravenous drug administration--iv; quinoline derived antiinfective agent--drug combination--cb; quinoline derived antiinfective agent--drug therapy --dt; quinoline derived antiinfective agent--intravenous drug administration--iv; azithromycin--drug combination--cb; azithromycin--drug therapy--dt; azithromycin--intravenous drug administration--iv; recombinant alpha interferon--drug combination--cb; recombinant alpha interferon--drug therapy--dt; recombinant alpha interferon --intramuscular drug administration--im; prednisolone--drug combination--cb ; prednisolone--drug therapy--dt; levofloxacin--drug combination--cb ; levofloxacin--drug therapy--dt; levofloxacin--intravenous drug administration--iv; methylprednisolone--drug combination--cb; methylprednisolone--drug therapy--dt; methylprednisolone --intravenous drug administration--iv

**MEDICAL DESCRIPTORS:**

\* virus pneumonia--diagnosis--di; \*virus pneumonia--drug therapy--dt; \*virus pneumonia--epidemiology--ep; \*virus pneumonia--therapy--th; \* lower respiratory tract infection--diagnosis--di; \*lower respiratory tract infection--drug therapy--dt; \*lower respiratory tract infection --epidemiology--ep; \*lower respiratory tract infection--therapy--th

China; clinical feature; early diagnosis; Coronavirus; laboratory diagnosis ; virus identification; aerosol; dyspnea; coughing; myalgia; diarrhea; bronchopneumonia; epidemic; positive end expiratory pressure; thorax radiography; mortality; cross infection; medical staff; intermethod comparison; treatment outcome; oxygen therapy; histopathology; human; nonhuman; male; female; clinical article; controlled study; adult; article; priority journal

Medical Terms (Uncontrolled): severe acute respiratory syndrome--diagnosis--di; severe acute respiratory syndrome--drug therapy--dt; severe acute respiratory syndrome --epidemiology--ep; severe acute respiratory syndrome--therapy--th; SARS coronavirus

32/3,K/29 (Item 2 from file: 73)

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12129094 EMBASE No: 2003240016

**Continuous positive airway pressure, shock therapy, and gastric mucosal oxygenation**

Severinghaus J.W.

Dr. J.W. Severinghaus, Univ. of California-San Francisco, San Francisco, CA United States

Critical Care Medicine ( CRIT. CARE MED. ) ( United States ) 01 JUN 2003 , 31/6 (1870-1871)

CODEN: CCMDC ISSN: 0090-3493

Document Type: Journal ; Editorial

Language: ENGLISH

Number Of References: 14

**Continuous positive airway pressure, shock therapy, and gastric mucosal oxygenation**

**MEDICAL DESCRIPTORS:**

\* positive end expiratory pressure; \*convulsive therapy; \*stomach blood flow; \*oxygenation

32/3,K/30 (Item 3 from file: 73)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

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12129065 EMBASE No: 2003239986

**Assessment of microvascular oxygen saturation in gastric mucosa in volunteers breathing continuous positive airway pressure**

Fournell A.; Schwarte L.A.; Kindgen-Milles D.; Muller E.; Scheeren T.W.L.

Dr. A. Fournell, Department of Anesthesiology, Heinrich-Heine-University, Dusseldorf Germany

Critical Care Medicine ( CRIT. CARE MED. ) ( United States ) 01 JUN 2003 , 31/6 (1705-1710)

CODEN: CCMDC ISSN: 0090-3493

Document Type: Journal ; Article

Language: ENGLISH Summary Language: ENGLISH

Number Of References: 50

**Assessment of microvascular oxygen saturation in gastric mucosa in volunteers breathing continuous positive airway pressure**

...barrier function is a basic objective in the prevention of multiple organ failure. Sustaining a positive airway pressure during the entire respiratory cycle remains a corner-stone in the therapeutic regimen to improve systemic oxygenation. Whereas increased systemic oxygenation during breathing continuous positive airway pressure has been shown, the impact of continuous positive airway pressure on regional oxygenation in the gastrointestinal tract has not yet been evaluated. We hypothesized that continuous positive airway pressure decreases microvascular oxygen saturation in gastric mucosa. Design: Prospective, randomized study. Setting: University department of anesthesiology. Participants: Twelve healthy volunteers. Interventions: Incremental increases of continuous positive airway pressure (0, 5, and 10 cm H<sub>2</sub>O) and subsequent release of continuous positive airway pressure. Measurements and Main Results: We continuously measured microvascular oxygen saturation in gastric mucosa by reflectance spectrophotometry. Systemic oxygen saturation, end-tidal P<sub>CO</sub><sub>2</sub>, respiratory rate, heart rate, and arterial blood pressure were obtained noninvasively. In every volunteer, microvascular oxygen saturation in gastric mucosa was reduced corresponding to the level of continuous positive airway pressure, although systemic variables, especially systemic oxygen saturation, did not change. Continuous positive airway pressure reduced microvascular oxygen saturation in gastric mucosa from 59 +/- 7% (baseline with 0 cm H<sub>2</sub>O continuous positive airway pressure, mean +/- SD) to 54 +/- 8% (p < .05) during 5 cm H<sub>2</sub>O continuous positive airway pressure and to 50 +/- 9% (p < .05) during 10 cm H<sub>2</sub>O continuous positive airway pressure, returning to 59 +/- 7% during spontaneous breathing with 0 cm H<sub>2</sub>O continuous positive airway pressure. End-tidal P<sub>CO</sub><sub>2</sub>, respiratory rate, as well as hemodynamic variables, remained stable. Conclusions: Reflectance spectrophotometry meticulously monitored changes in microvascular oxygen saturation in gastric mucosa during breathing continuous positive airway pressure. Microvascular oxygen saturation in gastric mucosa decreased with increasing levels of continuous positive airway pressure despite steady systemic variables. These results suggest that the impact of altering airway pressures on... Moreover, if these findings also apply to critically ill patients, monitoring microvascular oxygen saturation in gastric mucosa would be useful to further optimize the setting of ventilation variables.

32/3,K/31 (Item 4 from file: 73)

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11979628 EMBASE No: 2003090178

**Non-invasive ventilation in kyphoscoliosis. A comparison of a volumetric ventilator and a BIPAP support pressure device**

VENTILACION NO INVASIVA EN CIFOESCOLIOSIS. ESTUDIO COMPARATIVO ENTRE RESPIRADOR VOLUMETRICO Y SOPORTE DE PRESION (BIPAP)

Laserna E.; Barrot E.; Belaustegui A.; Quintana E.; Hernandez A.; Castillo J.

Dr. E. Laserna, Sinai, 14, 2. A, 41007 Sevilla Spain

**Author Email:** elena laserna@hotmail.com

Archivos de Bronconeumologia ( ARCH. BRONCONEUMOL. ) ( Spain ) 01 JAN 2003 , 39/1 (13-18)

**CODEN:** ARBRD **ISSN:** 0300-2896

**Document Type:** Journal ; Article

**Language:** SPANISH **Summary Language:** ENGLISH; SPANISH

**Number Of References:** 23

Non-invasive intermittent positive pressure ventilation (NIPPV) at home is the **treatment** of choice for patients with chronic respiratory insufficiency secondary to severe kyphoscoliosis. Our aim was... ..was applied with the second device after a ten-day washout period. Baseline polysomnographs showed **fragmented sleep** with low percentages of deep non-REM sleep and of REM sleep, as well as... ..cases symptoms and arterial blood gas improvements were significant, with no differences between the two **treatment** periods. The percentages of time spent with SaOSUB2, below 90% of reference in sleep studies... ..than baseline with both ventilators. All but one patient had better tolerance of the bilevel **positive airway pressure** (BIPAP) support mode than of the volumetric ventilator. Our study shows that NIPPV is equally...

**MEDICAL DESCRIPTORS:**

chronic respiratory failure--complication--co; chronic respiratory failure --**therapy**--th; lung function test; sleep pattern; device; **treatment** outcome; REM sleep; arterial gas; human; male; female; clinical article; clinical trial; randomized controlled trial...

32/3,K/32 (Item 5 from file: 73)

Fulltext available through: [SpringerLink](#) [USPTO Full Text Retrieval Options](#)

EMBASE

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11969866 **EMBASE No:** 2003080345

**Sleep disturbances in Parkinsonism**

Askenasy J.J.M.

Prof. J.J.M. Askenasy, Ben Yehuda 79, Herzlya 46403 Israel

**Author Email:** ajean@post.tau.ac.il

Journal of Neural Transmission ( J. NEURAL TRANSM. ) ( Germany ) 01 FEB 2003 , 110/2 (125-150)

**CODEN:** JNTRF **ISSN:** 0300-9564

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 175

The present article is meant to suggest an approach to the guidelines for the **therapy** of sleep disturbances in Parkinson's Disease (PD) patients. The factors affecting the quality of life in PD patients are **depression**, sleep

disturbances and dependence. A large review of the literature on sleep disturbances in PD... ..arousal disturbances in PD patients. We suggest a model based on 3 steps in the **treatment** of sleep disturbances in PD patients. This model allowing the patient, the spouse or the... ..multiple wake latency test (MWLT), Epworth Sleepiness Scale, actigraphy or video-PSG. II. The nonspecific **therapeutic** approach consists in: a) Checking the sleep effect on motor performance, is it beneficial, worse ... ..aggravation. The following types of sleep-arousal disturbances have to be considered in PD patients: - **Sleep Disturbances Light Fragmented Sleep (LFS)** Abnormal Motor Activity During Sleep (AMADS) REM Behavior Disorders (RBD) Sleep Related Breathing Disorders... ..EDS) Each syndrome has to receive a score according to its severity III. The specific **therapy** consists in: LFS: Benzodiazepines & Nondiazepines. AMADS: Clonazepam, Opioid, Apomorphine infusion; RBD: Clonazepam and dopaminergic agonists; SRBD: CPAP, UPPP, nasal interventions, losing weight; SRH: Clozapine, Risperidone; SRPD: Nortriptyline, Clozapine, Olanzapine; SA-adjustment; EDS-arousing drugs. Each **therapeutic** approach must be tailored to the individual PD patient.

#### **DRUG DESCRIPTORS:**

neurotransmitter--endogenous compound--ec; cholinergic receptor--endogenous compound--ec; benzodiazepine derivative--drug **therapy**--dt; clonazepam--drug **therapy**--dt; opiate--drug **therapy**--dt; apomorphine--drug **therapy**--dt; dopamine receptor stimulating agent --drug **therapy**--dt; risperidone--drug **therapy**--dt; nortriptyline--drug **therapy**--dt; clozapine--drug **therapy**--dt; olanzapine--drug **therapy**--dt

#### **MEDICAL DESCRIPTORS:**

\* sleep disorder--diagnosis--di; \*sleep disorder--drug **therapy**--dt; \* Parkinson disease **treatment** indication; parkinsonism; quality of life; **depression**; dependent personality disorder; medical literature; arousal; caregiver; night; retirement; institutionalization; anamnesis; diagnostic accuracy; morbidity; analytic...

32/3,K/33 (Item 6 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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11768695 EMBASE No: 2002341989

**The effect of bi-level positive airway pressure on postoperative pulmonary function following gastric surgery for obesity**

Ebeo C.T.; Benotti P.N.; Byrd Jr. R.P.; Elmaghraby Z.; Lui J.

Dr. C.T. Ebeo, Dept. of Pulmonary/Critic. Care Med., James H. Quillen VA Med. Ctr. III-B, Veterans Affairs Medical Center, P.O. Box 4000, Mountain Home, TN 37684-4000 United States

**Author Email:** vicel520@yahoo.com

Respiratory Medicine ( RESPIR. MED. ) ( United Kingdom ) 2002 , 96/9 (672-676)

**CODEN:** RMEDE **ISSN:** 0954-6111

**Document Type:** Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 16

**The effect of bi-level positive airway pressure on postoperative pulmonary function following gastric surgery for obesity**

...of respiratory secretions, and other pulmonary complications. This study evaluated the effect of bi-level positive airway pressure (Bi-PAP) on pulmonary function in obese patients following open gastric bypass surgery. Patients with a body mass index (BMI) of at least 40 kg/m<sup>2</sup> who were undergoing elective gastric bypass were eligible to be randomized to receive either BiPAP during the first 24 h... ..higher on each of the three consecutive postoperative days in the patients who received BiPAP therapy. The SpOSUB2 was

significantly decreased in the control group over the same time period. Prophylactic... ..in significantly higher measures of pulmonary function in severely obese patients who had undergone elective gastric bypass surgery. These improved measures of pulmonary function, however, did not translate into fewer hospital... ..population of other wise healthy obese patients. Further study is necessary to determine if BiPAP therapy in the first 24 postoperative hours would be of benefit in severely obese patients with comorbid illnesses who have undergone elective gastric bypass. (c) 2002 Elsevier Science Ltd. All rights reserved.

Medical Terms (Uncontrolled): bilevel positive airway pressure

32/3,K/34 (Item 7 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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11359199 EMBASE No: 2001373555

**Perioperative period and noninvasive mechanical ventilation**

Schonhofer B.

B. Schonhofer, Krankenhaus Kloster Grafschaft, Zentrum für Pneumologie, Beatmungs- und Schlafmedizin, D-57392 Schmallenberg-Grafschaft Germany

European Respiratory Monograph ( EUR. RESPIR. MONOGR. ) ( Denmark ) 2001 , 6/16 (162-171)

**CODEN:** EURMF **ISSN:** 1025-448X

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 43

...e. location, duration, invasiveness and kind of anaesthesia). Different modes of NIV are used: continuous **positive airway pressure (CPAP)**, pressure support ventilation (PSV) with external positive end-expiratory pressure (PEEPe), volume targeted ventilation (VTV... ..order to prevent the PPC. Category II: NIV used during the postoperative period as a **treatment** for acute respiratory failure (ARF). Four different indications in category I (preventive indication) seem of... ..outcome data. From nonsurgical indications it is known that NIV seldom induces important complications. However, **gastric** insufflation and barotrauma may cause serious sequelae.

**MEDICAL DESCRIPTORS:**

\* artificial ventilation; \*perioperative period; \*respiratory failure --complication--co; \*respiratory failure--**therapy**--th

risk factor; preoperative evaluation; postoperative complication; health status; chronic lung disease; breathing disorder; **treatment** indication; aeration; barotrauma--complication--co; human; review

32/3,K/35 (Item 8 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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11263913 EMBASE No: 2001279393

**Approaching disturbed sleep in late Parkinson's disease: First step toward a proposal for a revised UPDRS**

Askenasy J.-J.M.

J.-J.M. Askenasy, Sackler School of Medicine, Tel-Aviv University, Tel-Aviv Israel

**Author Email:** ajean@post.tau.ac

Parkinsonism and Related Disorders ( PARKINSONISM RELAT. DISORD. ) ( United Kingdom ) 2001 , 8/2 (123-131)

**CODEN:** PRDIF **ISSN:** 1353-8020

**Publisher Item Identifier:** S1353802001000268

**Document Type:** Journal ; Conference Paper

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 91

...from 60 to 98%. The factors predicting the quality of life in PD patients are: **depression**, sleep disturbances and dependence. The present article proposes the insertion of the following items as... ..UPDRS based on updated knowledge in sleep arousal disturbances in PD. V. SLEEP-AROUSAL DISTURBANCES: **Sleep** disturbances 43. **Light fragmented sleep** (LFS) 44. **Sleep**-related breathing disorders (SRBD) 45. Restless legs-periodic leg movements during sleep (RLS-PLM) 46... ..behavior (SRPB) Arousal disturbances 49. Sleep attacks (SA) 50. Excessive daytime sleepiness (EDS) Approaching the **treatment** of disturbed sleep in LPD means postponement of the institutionalization of the LPD patient, allowing... ..the diagnosis of one of the above mentioned sleep-arousal disturbances. (2) The non-specific **therapeutic** approach consists of: (a) checking the sleep effect on motor performance: beneficial, worse or neutral... ..enhancing the fragmentation due to the involuntary movements. (c) Socio-physical assistance. (3) The specific **therapy** consists of: LFS-Sinemet CR, Tolcapone, Intranasal Desmopressin, Domperidon, Cisapride and neurosurgery; SRBD-CPAP, UPPP, nasal interventions, losing weight; RLS-PLM-Benzodiazepine (Clonazepam), Opioid, Apomorphine infusion; RBD-Clonazepam and dopaminergic agonists; SRH-Clozapine, Risperidone; SRPD-Nortriptyline, Clozapine, Olanzapine; SA-adjustment; EDS-arousing drugs. Each **therapeutic** approach must be tailored to the individual LPD patient. (c) 2001 Elsevier Science Ltd. All...

#### **DRUG DESCRIPTORS:**

levodopa--drug **therapy**--dt; carbidopa plus levodopa--drug **therapy**--dt; tolcapone--drug **therapy**--dt; desmopressin--drug **therapy**--dt; desmopressin--intranasal drug administration--na; domperidone--drug **therapy**--dt; cisapride--drug **therapy**--dt; cholinergic receptor--endogenous compound--ec; benzodiazepine--drug **therapy**--dt; clonazepam--drug **therapy**--dt; opiate--drug **therapy**--dt; apomorphine--drug **therapy**--dt; clozapine--drug **therapy**--dt; dopamine receptor stimulating agent--drug **therapy**--dt; risperidone--drug **therapy**--dt; nortriptyline --drug **therapy**--dt; olanzapine

#### **MEDICAL DESCRIPTORS:**

\* Parkinson disease; \*rating scale; \*sleep disorder--drug **therapy**--dt daily life activity; quality of life; **depression**; anamnesis; polysomnography; actimetry; striatonigral degeneration; nigrostriatal system; REM sleep; dopaminergic activity; drug effect; weight reduction...

32/3,K/36 (Item 9 from file: 73)

Fulltext available through: USPTO Full Text Retrieval Options

EMBASE

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11098733 **EMBASE No:** 2001117819

**Sleep-related breathing disorders: Current treatment options**

Mohsenin V.



Dr. V. Mohsenin, Yale Center for Sleep Medicine, 40 Temple St., New Haven, CT 06510 United States

**Author Email:** vahid.mohsenin@yale.edu

Clinical Pulmonary Medicine ( CLIN. PULM. MED. ) ( United States ) 2001 , 8/2 (95-100)

**CODEN:** CPMEF **ISSN:** 1068-0640

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 80

**Sleep-related breathing disorders: Current treatment options**

...related breathing disorders are common and associated with high morbidity in the form of hypersomnia, chronic fatigue, and cognitive dysfunction. If the disorder remains untreated it may lead to cardiovascular and cerebrovascular... ..marked improvement in quality of life and reduction in health care needs. There are several treatment options available that are quite effective. Nasal continuous positive airway pressure is the most popular treatment modality with an overall acceptance rate of 70%. Newer methods include application of mandibular advancement devices and minimally invasive tissue volume reduction techniques using radiofrequency energy. The treatment should be individualized according to the severity of the disorder, presence of comorbidity, upper airway...

**MEDICAL DESCRIPTORS:**

\* breathing disorder--diagnosis--di; \*breathing disorder--surgery--su; \* breathing disorder--therapy--th;

\*sleep disorder--diagnosis--di; \* sleep disorder--therapy--th

treatment planning; morbidity; hypersomnia; chronic fatigue syndrome; positive end expiratory pressure; radiofrequency; disease severity; comorbidity; upper respiratory tract; respiratory tract malformation...

32/3,K/37 (Item 10 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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10979515 **EMBASE No:** 2001023601

**Complete recovery from Cheyne-Stokes respiration after heart transplantation**

SISTIEREN NACHTLICHER PATHOLOGISCHER ATMUNGSMUSTER NACH ORTHOTOPER  
HERZTRANSPLANTATION

Skobel E.; Kaminski R.; Breuer C.; Topper R.; Reffellmann T.; Schwarz E.R.

Dr. E.R. Schwarz, Medizinische Klinik I, Universitätsklinikum der RWTH, Pauwelsstrasse 30, D-52074 Aachen  
Germany

**Author Email:** RSCH@pcserver.mk1.rwth-aachen.de

Medizinische Klinik ( MED. KLIN. ) ( Germany ) 15 DEC 2000 , 95/12 (706-711)

**CODEN:** MEKLA **ISSN:** 0723-5003

**Document Type:** Journal ; Article

**Language:** GERMAN **Summary Language:** ENGLISH; GERMAN

**Number Of References:** 36

...respiratory pattern is often observed in patients with severe congestive heart failure and associated with **fragmentation of sleep**, excessive daytime **sleepiness**, and a relatively high mortality. Increased peripheral and central chemosensitivity, prolonged circulation time, and reduced... ..the exact pathophysiologic mechanisms are not clear yet. Respiratory stimulants, oxygen and continuous or bilevel **positive airway pressure (CPAP or BiPAP)** might reduce the severity of Cheyne-Stokes respiration but have little effect on... ..and cardiac function. There is

only limited data supporting the assumption that intensive heart failure **therapy** has an effect on Cheyne-Stokes respiration. Case Report: A 55-year-old male patient... ..Scale: 24 points). The patient was a heavy snorer with a normal body mass index. **Treatment** was initiated including ACE-inhibitors, beta-receptor blockers, diuretics and digoxin. The patient underwent sleep ... ..Respiratory Disturbance Index RDI: 40/h, lowest desaturation 76%) and body position dependent snoring. Oxygen **therapy** (21/min) had no effect on daytime sleepiness. Due to the cardiac condition, the patient... ..left ventricular function a complete recovery from severe Cheyne-Stokes respiration was observed. Conclusion: Adequate **therapy** of the underlying cause of Cheyne-Stokes breathing such as end-stage congestive heart failure...

**DRUG DESCRIPTORS:**

dipeptidyl carboxypeptidase inhibitor--drug **therapy**--dt; beta adrenergic receptor blocking agent--drug **therapy**--dt; diuretic agent --drug **therapy**--dt; digoxin--drug **therapy**--dt; captopril --drug **therapy**--dt; digitoxin--drug **therapy**--dt; metoprolol --drug **therapy**--dt; amiodarone--drug **therapy**--dt; furosemide --drug **therapy**--dt

**MEDICAL DESCRIPTORS:**

\* Cheyne Stokes breathing--complication--co; \*Cheyne Stokes breathing --etiology--et; \*Cheyne Stokes breathing--**therapy**--th; \*heart transplantation; \*heart dilatation--drug **therapy**--dt; \*heart dilatation--surgery--su

32/3,K/38 (Item 11 from file: 73)

Fulltext available through: USPTO Full Text Retrieval Options

EMBASE

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10926605 EMBASE No: 1998327368

**Auto-positive end-expiratory pressure: Its clinical significance**

Rossi A.; Polese G.

A. Rossi, Fisiopatologia Respiratoria, Division di Pneumologia, Ospedale Maggiore di Borgo Trento, piazzale Stefani 1, I-37126 Verona Italy

European Respiratory Monograph ( EUR. RESPIR. MONOGR. ) ( Denmark ) 1998 , 3/8 (400-429)

**CODEN:** EURMF **ISSN:** 1025-448X

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 120

...expiratory muscle activity must be taken into account and the 'invasive' use of oesophageal and **gastric** balloons may be required. However, measurement of PEEPi may be important to implement adequate **treatment** such as: 1) changes in the setting of the ventilator to increase the expiratory time... ..or a particular gas mixture; 3) application of the correct level of PEEP or continuous **positive airway pressure** to counterbalance PEEPi. The latter requires assessment of expiratory flow limitation and measurement of expiratory... ..patients and considered when patient-ventilator dyssynchrony or difficult weaning occurs, in order to plan **treatment**.

**DRUG DESCRIPTORS:**

bronchodilating agent--drug administration--ad; bronchodilating agent--drug **therapy**--dt; beta adrenergic receptor stimulating agent--drug administration--ad; beta adrenergic receptor stimulating agent--drug **therapy**--dt; methylxanthine--drug administration--ad; methylxanthine --drug **therapy**--dt; doxofylline--drug administration--ad; doxofylline--drug **therapy**--dt; fenoterol--drug administration--ad; fenoterol--drug **therapy**--dt; salbutamol--drug administration--ad; salbutamol--drug **therapy**--dt

**MEDICAL DESCRIPTORS:**

\* respiratory failure--drug **therapy**--dt; \*respiratory failure-- **therapy**--th; \*positive end expiratory pressure artificial ventilation; airway resistance; airflow; expiratory flow; chronic obstructive lung disease--drug **therapy**--dt;

chronic obstructive lung disease--etiology--et; chronic obstructive lung disease-- **therapy**--th; lung compliance; technique; hemodynamics; barotrauma --complication--co; measurement; esophagus; balloon; human; inhalational drug administration...

32/3,K/39 (Item 12 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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10867604 EMBASE No: 2000344345

**Respiratory disorders during sleep in patient with epilepsy: Effect of ventilatory therapy on EEG interictal epileptiform discharges**

Oliveira A.J.; Zamagni M.; Dolso P.; Bassetti M.A.; Gigli G.L.

G.L. Gigli, Department of Neuroscience, Ospedale S.M. della Misericordia, 33100 Udine Italy

Author Email: [prim.neuro@aoud.sanita.fvg.it](mailto:prim.neuro@aoud.sanita.fvg.it)

Clinical Neurophysiology ( CLIN. NEUROPHYSIOL. ) ( Ireland ) 01 SEP 2000 , 111/SUPPL. 2 (S141-S145)

CODEN: CNEUF ISSN: 1388-2457

Publisher Item Identifier: S1388245700004156

Document Type: Journal ; Article

Language: ENGLISH Summary Language: ENGLISH

Number Of References: 16

**Respiratory disorders during sleep in patient with epilepsy: Effect of ventilatory therapy on EEG interictal epileptiform discharges**

...variety of diseases, including epilepsy, with important implications for the clinical management of the latter. Sleep fragmentation and deprivation, and hypoxia associated to sleep disordered breathing (SDB) may contribute to the occurrence... ..tone of the upper airways, and increasing the arousal threshold. There is evidence indicating that treatment of the SDB can reduce both frequency and intensity of seizures. This study aimed at... ..obstructive pulmonary diseases - COPD - and snoring) underwent two nocturnal polysomnographies (PSG) - before and after ventilatory therapy with CPAP (in 6 patients with OSAS) or oxygen (in two patients with COPD and snoring). Spiking... ..time after sleep onset - WASO). Result: In all patients, the improvement of SDB after ventilatory treatment - as demonstrated by a reduction of the respiratory disturbances index (RDI) - was associated to a... ..in patients with higher spiking rates in baseline conditions. Conclusion: Our data show that SDB treatment reduces the interictal epileptogenic activity, suggesting that SDB plays a role in increasing epileptogenicity. Further...

#### DRUG DESCRIPTORS:

\* anticonvulsive agent--adverse drug reaction--ae; \*anticonvulsive agent --drug therapy--dt  
oxygen; carbamazepine--adverse drug reaction--ae; carbamazepine--drug combination--cb; carbamazepine--  
drug therapy--dt; phenobarbital --adverse drug reaction--ae; phenobarbital--drug combination--cb;  
phenobarbital--drug therapy--dt; lamotrigine--adverse drug reaction --ae; lamotrigine--drug combination--  
cb; lamotrigine--drug therapy --dt; phenytoin--adverse drug reaction--ae; phenytoin--drug combination--cb ;  
phenytoin--drug therapy--dt

#### MEDICAL DESCRIPTORS:

\* respiratory tract disease; \*sleep; \*focal epilepsy--drug therapy--dt ; \*focal epilepsy--etiology--et

32/3,K/40 (Item 13 from file: 73)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)  
EMBASE

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10798169 EMBASE No: 2000274684

**Stress test and gastric-arterial PCOinf 2 measurement improve prediction of successful extubation**

Uusaro A.; Chittock D.R.; Russell J.A.; Walley K.R.

Dr. K.R. Walley, Pulmonary Research Laboratory, St. Paul's Hospital, 1081 Burrard Street, Vancouver, BC V6Z 1Y6 Canada

Critical Care Medicine ( CRIT. CARE MED. ) ( United States ) 2000 , 28/7 (2313-2319)

**CODEN:** CCMDC **ISSN:** 0090-3493

**Document Type:** Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 39

**Stress test and gastric-arterial PCOinf 2 measurement improve prediction of successful extubation**

...1 hr before extubation (stress test) while patients were on 5 cm Hinf 2O continuous positive airway pressure. Measurements and Main Results: We measured respiratory frequency, tidal volume, ratio of respiratory frequency to... ..f/V(T)), airway occlusion pressure after onset of inspiration (Pinf 0inf .inf 1), and gastric-arterial PCOinf 2 (DeltaP(g-a)COinf 2) both on 5 cm Hinf 2O and... ..Seventeen patients (25%) failed extubation. With pressure support of 5 cm Hinf 2O and continuous positive airway pressure of 5 cm Hinf 2O, most predictors were not different between patients who failed and...

**MEDICAL DESCRIPTORS:**

artificial ventilation; lung function test; breathing exercise; stomach juice; acute respiratory failure--therapy-  
-th; endotracheal intubation; prediction; accuracy; human; male; female; major clinical study ; article;  
priority journal

32/3,K/41 (Item 14 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)  
EMBASE

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07686172 EMBASE No: 1999165212

**ED hemodialysis for treatment of renal failure emergencies**

Sacchetti A.; Stuccio N.; Panebianco P.; Torres M.

Dr. A. Sacchetti, Department of Emergency Medicine, Our Lady of Lourdes Medical Center, 1600 Haddon Ave, Camden, NJ 08103 United States

American Journal of Emergency Medicine ( AM. J. EMERG. MED. ) ( United States ) 1999 , 17/3 (305-307)

**CODEN:** AJEME **ISSN:** 0735-6757

**Document Type:** Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 17

**ED hemodialysis for treatment of renal failure emergencies**

...are at risk for unique medical emergencies, many of which require hemodialysis for their definitive treatment. This study describes the use of emergency department (ED) hemodialysis in the management of CRF ... September 1996. Data were collected on presenting complaint, ED diagnosis, indication for hemodialysis, ED pharmacologic treatment, ED airway management, cardiovascular stability, and disposition. Fifty episodes of ED hemodialysis were identified in... ventilation (NPSV), 9 (18%); and endotracheal intubation, 6 (12%). NPSV was provided with a bilevel positive airway pressure system. Three of the endotracheal intubation patients were weaned to NPSV during dialysis, and all...

**MEDICAL DESCRIPTORS:**

\* hemodialysis; \*chronic kidney failure--therapy--th; \*emergency ward; \*emergency treatment retrospective study; dyspnea; muscle weakness; thorax pain; congestive heart failure--diagnosis--di; hyperkalemia--diagnosis--di; treatment indication; artificial ventilation; endotracheal intubation; hospitalization; hospital discharge; human; clinical article; sublingual drug administration; article...

32/3,K/42 (Item 15 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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06802066 EMBASE No: 1997084551

**Use of noninvasive mechanical ventilation in acute hypercapnic versus hypoxic respiratory failure**

Lee S.S.; Lim C.-M.; Kim B.-N.; Koh Y.; Park P.H.; Lee S.D.; Kim W.S.; Kim D.S.; Kim W.D.

S.S. Lee, Department of Internal Medicine, Asan Medical Center, University of Ulsan, Seoul South Korea  
Tuberculosis and Respiratory Diseases ( TUBERC. RESPIR. DIS. ) ( South Korea ) 1996 , 43/6 (987-996)

**CODEN: KHCHA ISSN: 0378-0066**

**Document Type:** Journal ; Article

**Language:** KOREAN **Summary Language:** ENGLISH

**Number Of References:** 24

...2 < 300 mm Hg with pH ≤ 7.35) requiring mechanical ventilation were managed by NIV (CPAP + pressure support, or BiPAP) with face mask. Eleven out of 19 cases with VF (57... resorting to endotracheal intubation. Complications were noted in 2 cases (nasal skin necrosis 1, gaseous gastric distension 1). In NIV for ventilatory failure, the respiration rate was significantly decreased at 12...

**MEDICAL DESCRIPTORS:**

\* artificial ventilation; \*hypercapnia--therapy--th; \*hypoxia; \* respiratory failure--therapy--th

32/3,K/43 (Item 16 from file: 73)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

EMBASE

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06748869 EMBASE No: 1997030345

**Effects of proportional assist ventilation on inspiratory muscle effort in patients with chronic obstructive pulmonary disease and acute respiratory failure**

Ranieri V.M.; Grasso S.; Mascia L.; Martino S.; Fiore T.; Brienza A.; Giuliani R.

Dr. V.M. Ranieri, Ist. Anestesiologia Rianimazione, Università di Bari, Ospedale Policlinico, Piazza G. Cesare, 70100 Bari Italy

Anesthesiology ( ANESTHESIOLOGY ) ( United States ) 1997 , 86/1 (79-91)

**CODEN:** ANESA **ISSN:** 0003-3022

**Document Type:** Journal ; Article

**Language:** ENGLISH **Summary Language:** ENGLISH

**Number Of References:** 36

...acute respiratory failure. Methods: Inspiratory muscles and diaphragmatic efforts were evaluated by measurements of esophageal, **gastric**, and transdiaphragmatic pressures. Minute ventilation and breathing patterns were evaluated by measuring airway pressure and flow. Measurements were performed during spontaneous breathing, continuous **positive airway pressure**, FA, FA+PEEP, VA, VA+PEEP, FA+VA, and FA+VA+PEEP. Results: FA+PEEP...

**MEDICAL DESCRIPTORS:**

\* acute respiratory failure--complication--co; \*acute respiratory failure-- **therapy**--th; \*chronic obstructive lung disease--**therapy**--th; \*chronic obstructive lung disease--etiology--et

32/3,K/44 (Item 17 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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06389722 **EMBASE No:** 1996053653

**Sleep-disordered breathing in neurologic disease**

Brown L.K.

Department of Internal Medicine, Sleep Disorders Center, St. Joseph's Hospital/Medical Center, 350 West Thomas Road, Phoenix, AZ 85013 United States

Clinical Pulmonary Medicine ( CLIN. PULM. MED. ) ( United States ) 1996 , 3/1 (22-35)

**CODEN:** CPMEF **ISSN:** 1068-0640

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

...worsen during rapid eye movement sleep. Clinical manifestations commonly include nocturnal sleep disturbances such as **insomnia** and snoring and daytime symptoms such as hypersomnolence and cognitive impairment.

**Treatment** depends on the specific pattern of respiratory impairment during sleep and may include ventilatory support modalities, nasal continuous **positive airway pressure**, or various pharmacologic maneuvers.

32/3,K/45 (Item 18 from file: 73)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

EMBASE

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06170920 **EMBASE No:** 1995207574

**A case of primary alveolar hypoventilation syndrome whose depression led to the closure of tracheostomy**

Tonooka S.; Taniguchi K.; Yamato Y.; Yasuma F.; Katsura T.

Division of Internal Medicine, GPCCD, 3-12 Kameizumi-machi-kou, Maebashi City, Gunma 371 Japan  
Japanese Journal of Psychosomatic Medicine ( JPN. J. PSYCHOSOM. MED. ) ( Japan ) 1995 , 35/5 (407-412)

**CODEN:** SHIGD **ISSN:** 0385-0307

**Document Type:** Journal ; Article

**Language:** JAPANESE **Summary Language:** ENGLISH; JAPANESE

**A case of primary alveolar hypoventilation syndrome whose depression led to the closure of tracheostomy**

...involvement, the patient became controlled under transtracheal ventilation for two years. The patient gradually developed depressive with suicidal idealing due to discomforts and poor QOL caused by lasting tracheostomy. The phrenic nerve pacing was not attempted because preoperative assessability and CPAP trial did not bring any improvement for desaturation. Alternative to BiPAP application improved mean oxisaturation... ..associated with recovery of self-esteem. The case encourages us that undesirable symptoms, such as depression, paradoxically may break clinical deadlock and provide therapeutic success.

**MEDICAL DESCRIPTORS:**

\* depression; \*lung alveolus hypoventilation--therapy--th; \* lung alveolus hypoventilation--etiology--et;  
\*tracheostomy

32/3,K/46 (Item 19 from file: 73)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

EMBASE

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04868048 **EMBASE No:** 1992008263

**Initial treatment of pulmonary edema: A physiological approach**

Allison R.C.

USA Medical Center, 2451 Fillingim Street, Mobile, AL 36617 United States

American Journal of the Medical Sciences ( AM. J. MED. SCI. ) ( United States ) 1991 , 302/6 (385-391)

**CODEN:** AJMSA **ISSN:** 0002-9629

**Document Type:** Journal ; Review

**Language:** ENGLISH **Summary Language:** ENGLISH

**Initial treatment of pulmonary edema: A physiological approach**

...understanding of the physiological principles involved in lung fluid balance is useful in the initial treatment of pulmonary edema. Normally, a very small volume of fluid is filtered from the pulmonary... ..of increased pulmonary vascular pressure or increased vascular permeability. The two general goals of initial therapy are (1) to relieve hypoxemia and (2) to reduce pulmonary capillary pressure. Relieving hypoxemia may require the use of supplemental oxygen by nasal prongs or mask, continuous positive airway pressure (CPAP ) mask, or even endotracheal intubation and mechanical ventilation. Measures to decrease preload and thereby reduce... ..a loop diuretic or morphine intravenously, and in some circumstances using sublingual nitroglycerin. After initial treatment is underway, a search for and specific management of the underlying cause of pulmonary edema...

**DRUG DESCRIPTORS:**

\* adrenergic receptor stimulating agent--adverse drug reaction--ae; \* adrenergic receptor stimulating agent--drug therapy--dt; \*glyceryl trinitrate--drug therapy--dt; \*glyceryl trinitrate--drug administration--ad; \*loop diuretic agent--drug therapy--dt; \* morphine sulfate--drug combination--cb; \*morphine sulfate--adverse drug

reaction--ae; \*morphine sulfate--drug therapy--dt; \*oxygen--drug therapy--dt; \*vasodilator agent--drug therapy--dt

amrinone--drug therapy--dt; antiarrhythmic agent--drug therapy--dt; antiarrhythmic agent--adverse drug reaction--ae; antibiotic agent--adverse drug reaction--ae; antiinflammatory agent --adverse drug reaction--ae; antineoplastic agent--adverse drug reaction --ae; dobutamine--drug therapy--dt; dopamine--drug therapy --dt; furosemide--drug combination--cb; furosemide--drug therapy--dt ; hydrochlorothiazide--adverse drug reaction--ae; naloxone--drug toxicity --to; naloxone--drug therapy--dt; nitroprusside sodium--drug therapy--dt; uterus spasmolytic agent--adverse drug reaction--ae

**MEDICAL DESCRIPTORS:**

\* clinical medicine; \*lung edema--etiology--et; \*lung edema--drug therapy--dt; \*lung edema--side effect--si; \*physiology

artificial ventilation; blood filtration; diuretic therapy; endotracheal intubation; fluid balance; human; interstitial fluid; intravenous drug administration; lung capillary pressure; lung fluid; lung lymph flow; oxygen therapy; phlebotomy; positive end expiratory pressure; priority journal; respiration depression--side effect--si; review; starling law; sublingual drug administration

32/3,K/47 (Item 20 from file: 73)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)

EMBASE

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03569108 EMBASE No: 1988018544

**Improved efficacy of spontaneous breathing with inspiratory pressure support**

Brochard L.; Pluskwa F.; Lemaire F.

Service de Reanimation Medicale, Hopital Henri Mondor, Universite Paris-Val de Marne, Creteil France

American Review of Respiratory Disease ( AM. REV. RESPIR. DIS. ) ( United States ) 1987 , 136/2 (411-415)

CODEN: ARDSB ISSN: 0003-0805

Document Type: Journal

Language: ENGLISH Summary Language: ENGLISH

...pressure is produced by the patient to open a demand valve and then a constant **positive airway pressure** is maintained at a preset level while the patient inhales. The aim of this study... ..900 C ventilator with 10 cm Hinf 20 IPS, and (3) a continuous flow system (CFS). Compared with the CFS, breathing with the SVC without IPS resulted in an increased respiratory rate (RR), increased tidal ...

**MEDICAL DESCRIPTORS:**

adult; electromyography; endotracheal intubation; priority journal; clinical article; human; methodology; **therapy**

32/3,K/48 (Item 21 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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03300087 EMBASE No: 1986007664

**Pulmonary barotrauma**

Hillman K.



Department of Anaesthetics, Intensive Care and Coronary Care, The Liverpool Hospital, Sydney Australia  
Clinics in Anaesthesiology ( CLIN. ANAESTHESIOLOG. ) ( United Kingdom ) 1985 , 3/4 (877-898)

**CODEN:** CLIAD

**Document Type:** Journal

**Language:** ENGLISH

...ways of artificially maintaining gas exchange apart from conventional ventilation and PEEP. Techniques such as CPAP, reversed inspiration:expiration (I:E) ratios, IMV, LFPPV with ECRCo<sub>2</sub> and hypoxic pulmonary vasoconstriction... ..at lower airways pressures than IPPV and PEEP. As a result, there is less cardiovascular depression and a much lower incidence of lung disruption by barotrauma.

**MEDICAL DESCRIPTORS:**

...system; peritoneum; heart; subcutaneous tissue; short survey; preliminary communication; human; etiology; education; forensic medicine; diagnosis; **therapy**; prevention; clinical article

32/3,K/49 (Item 22 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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02980084 EMBASE No: 1985074044

**Acute myocardial infarction complicated by left ventricular dysfunction and respiratory failure. The effects of continuous positive airway pressure**

Rasanen J.; Vaisanen I.T.; Heikkila J.; Nikki P.

Department of Anesthesiology, Helsinki University Central Hospital, Helsinki Finland

Chest ( CHEST ) ( United States ) 1985 , 87/2 (158-162)

**CODEN:** CHETB

**Document Type:** Journal

**Language:** ENGLISH

**Acute myocardial infarction complicated by left ventricular dysfunction and respiratory failure. The effects of continuous positive airway pressure**

The cardiopulmonary effects of continuous positive airway pressure (CPAP) were studied in 14 patients with acute myocardial infarction complicated by circulatory and respiratory failure... ..trend of improvement (NS) in those who had severe pump failure. Relatively high levels of CPAP can be used to improve pulmonary function in patients with acute myocardial infarction and left ventricular failure. In fact, circulatory depression is less likely to occur when cardiac performance is poor.

**MEDICAL DESCRIPTORS:**

...gas; hemodynamics; heart; respiratory system; priority journal; cardiovascular system; blood and hemopoietic system; human; adult; therapy; major clinical study

32/3,K/50 (Item 23 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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02883403 EMBASE No: 1985127362

**Post-operative CPAP in cardiosurgical patients operated with flunitrazepam-fentanil anaesthesia**

**CPAP POST-OPERATORIA NEL PAZIENTE CARDIOCHIRURGICO OPERATO IN ANESTESIA DA FLUNITRAZEPAM-FENTANIL. (RILIEVI SULL'ATTIVITA RESPIRATORIA)**

Pagani L.; Locatelli A.; Maurelli M.; et al.

Policlinico S. Matteo, Istituto di Ricovero e Cura a Carattere Scientifico, Servizio di Anestesia e Rianimazione, Pavia Italy

Acta Anaesthesiologica Italica ( ACTA ANAESTHESIOLOGICA ITALICA ) ( Italy ) 1985 , 36/1 (85-89)

**CODEN: AANIB**

**Document Type: Journal**

**Language: ITALIAN Summary Language: ENGLISH**

**Post-operative CPAP in cardiosurgical patients operated with flunitrazepam-fentanil anaesthesia**

**CPAP POST-OPERATORIA NEL PAZIENTE CARDIOCHIRURGICO OPERATO IN ANESTESIA DA FLUNITRAZEPAM-FENTANIL. (RILIEVI SULL'ATTIVITA RESPIRATORIA)**

**MEDICAL DESCRIPTORS:**

\* lung function; \*positive end expiratory pressure; \*respiration depression

respiratory system; intravenous drug administration; human; central nervous system; therapy; clinical article

32/3,K/51 (Item 24 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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02504475 EMBASE No: 1983038486

**Complications of mechanic aids to intermittent lung inflation**

Shapiro B.A.; Peterson J.; Cane R.D.

Div. Resp. Critical Care, Dep. Anesth., Northwest. Univ. Med. Sch., Chicago, IL United States

Respiratory Care ( RESPIR. CARE ) ( United States ) 1982 , 27/4 (467-470)

**CODEN: RECAC**

**Document Type: Journal**

**Language: ENGLISH**

Mechanical aids to intermittent lung inflation (**treatments** of 30 minutes or less) include IPPB, incentive spirometry, blow bottles, and intermittent **CPAP**. We consider true complications of their use to be those complications documented by one or... ..airway resistance, barotrauma, and nosocomial infection. Six other, theoretic complications of IPPB are: excessive oxygenation, **gastric** distention, hyperventilation, impaction of secretions, psychological dependence, and impedance of venous return. We found no... ..bottles, no documented complications exist; theoretic complications are hyperventilation, increased atelectasis, and barotrauma. For intermittent **CPAP**, no complications exist. We believe that the lack of documented complications of the use of... ..encouraged their widespread use despite the relative absence of documentation of their efficacy. Because these **therapies** are costly and of questionable value, cost-effective and efficacious methods of intermittent lung inflation...

**MEDICAL DESCRIPTORS:**

review; **therapy**; human; respiratory system

32/3,K/52 (Item 25 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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02504468 EMBASE No: 1983038479

### **Complications of mechanical ventilation and positive end-expiratory pressure**

Bone R.C.

Pulm. Div., Univ. Arkansas Med. Sci., Little Rock, AR 72205 United States

Respiratory Care ( RESPIR. CARE ) ( United States ) 1982 , 27/4 (402-407)

**CODEN:** RECAC

**Document Type:** Journal

**Language:** ENGLISH

...mechanical ventilation's effects on cardiopulmonary physiology. The major cardiovascular complication of mechanical ventilation is

**depression** of cardiac output, the magnitude of which is influenced by the mode of mechanical ventilation used. PEEP with controlled mechanical ventilation produces a greater cardiac output **depression** than does PEEP with intermittent mandatory ventilation (IMV), and PEEP with continuous **positive airway pressure (CPAP)** produces the least **depression** of the three. Because this **depression** of cardiac output during PEEP can be marked, oxygen delivery must be monitored after PEEP... ..solve the problem of providing adequate alveolar ventilation at low mean airway pressures with little **depression** of cardiac output and low risk of pulmonary barotrauma; however, more research needs to be...

#### **MEDICAL DESCRIPTORS:**

iatrogenic disease; short survey; **therapy**; human; respiratory system

32/3,K/53 (Item 26 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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02414708 EMBASE No: 1983125719

### **Incidence of aspiration with endotracheal tubes in children**

Browning D.H.; Graves S.A.

Dep. Anesthesiol., J. Hillis Miller Health Cent., Gainesville, FL 32610 United States

Journal of Pediatrics ( J. PEDIATR. ) ( United States ) 1983 , 102/4 (582-584)

**CODEN:** JOPDA

**Document Type:** Journal

**Language:** ENGLISH

The pulmonary aspiration of oropharyngeal secretions or **gastric** contents is a serious and frequently encountered problem in the intensive care unit. Bernhard et... ..investigated the incidence of silent aspiration in intubated children and whether low levels of continuous **positive airway pressure (CPAP)** decrease or prevent aspiration.

#### **MEDICAL DESCRIPTORS:**

intensive care; methodology; infant; preschool child; school child; adolescent; adult; diagnosis; **therapy**; major clinical study; controlled study; human; respiratory system

32/3,K/54 (Item 27 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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02264926 EMBASE No: 1982058087

**A simplified scoring system for the evaluation of patients admitted to intensive care units**

PROPOSTA DI UN INDICE PER LA VALUTAZIONE 'QUANTITATIVA' DEL PAZIENTE DA 'RIANIMAZIONE'

Gasperi A.; Braschi A.; Emmi V.; et al.

Catt. Anesthesiol. Rianim., Fac. Med. Chir., Univ. Studi, Pavia Italy

Acta Anaesthesiologica Italica ( ACTA ANAESTHESIOLOG. ITAL. ) ( Italy ) 1981 , 32/5 (875-881)

**CODEN:** AANIB

**Document Type:** Journal

**Language:** ITALIAN **Summary Language:** ENGLISH

...venous, central venous, arterial cannulation, cannulation of pulmonary artery (Swan Ganz technique), Cardiac Output, miscellaneous **treatment** of cardiac arrest), C.V.P. monitoring. B-Respiratory: tracheal intubation, tracheotomy, Oxygen **therapy**, IPPB-IPPV- **CPAP**. C-Metabolic: **gastric** aspiration and continuous feeding, parenteral nutrition, urinary drainage, dialysis. We have studied the S.S.S. of 676 patients **treated** in our unit from 1-1-1978 to 30-5-1980. It has been possible...

**MEDICAL DESCRIPTORS:**

italy; diagnosis; **therapy**; geographic distribution

32/3,K/55 (Item 28 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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01574893 EMBASE No: 1980195345

**Effects of the level of CPAP on central haemodynamics and oxygen transport**

Vuori A.

Dept. Anaesthesiol., Turku Univ. Hosp., SF-20520 Turku 52 Finland

Acta Anaesthesiologica Scandinavica ( ACTA ANAESTHESIOLOG. SCAND. ) ( Denmark ) 1980 , 24/4 (295-298)

**CODEN:** AANEA

**Document Type:** Journal

**Language:** ENGLISH

**Effects of the level of CPAP on central haemodynamics and oxygen transport**

The effects of different levels of continuous positive airway pressure (CPAP) on central haemodynamics and oxygen transport were studied in ten spontaneously breathing male patients who had undergone aortocoronary bypass graft operation 18 h earlier. With increasing CPAP levels ranging from 5 cmHinf 20 (0.49 kPa) (CPAP 5) to 15 cmHinf 20 (1.47 kPa) (CPAP 15), the cardiac index was found to decrease significantly, while the intraluminal pulmonary capillary wedge... ..mean systemic arterial pressure remained unaltered, while the mean pulmonary arterial pressure increased with increasing CPAP. Systemic oxygen transport changed concomitantly with the changes in cardiac output, since arterial blood oxygen content was

not altered. The mixed venous blood oxygen tension decreased with increasing CPAP, as did the cardiac output. No changes in the total oxygen consumption or in the arteriovenous oxygen content difference were found at the various CPAP levels. Pulmonary vascular resistance was significantly higher during CPAP 0 than during CPAP 5, possibly indicating development of local pulmonary vasoconstriction following hypoxia caused by closure of the small airways as a consequence of a reduction in the functional residual capacity during CPAP 0. Thus, low level CPAP might be beneficial in maintaining proper lung volume in an intubated patient after aortocoronary bypass surgery. The observations also suggest that, in these patients, CPAP levels exceeding 10 cmH<sub>2</sub>O bring about cardiac depression leading to an undesirable reduction in systemic oxygen transport. Mixed venous blood oxygen tension may offer information useful in the adjustment of the level of CPAP.

**MEDICAL DESCRIPTORS:**

...heart right atrium pressure; lung vascular resistance; lung wedge pressure; postoperative period; major clinical study; therapy; respiratory system; heart; great blood vessel; peripheral vascular system

32/3,K/56 (Item 29 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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01522134 EMBASE No: 1979244048

**Experimental study on acute pulmonary embolism: With special reference to circulatory function and IPPB therapy**

Toyoda T.

Dept. Anesthesiol., Tokyo Med. Coll., Tokyo Japan

Journal of Tokyo Medical College ( J. TOKYO MED. COLL. ) ( Japan ) 1979 , 37/3 (341-351)

**CODEN: TIDZA**

**Document Type: Journal**

**Language: JAPANESE Summary Language: ENGLISH**

**Experimental study on acute pulmonary embolism: With special reference to circulatory function and IPPB therapy**

...after embolization in all the groups, there was a sign of right cardiac insufficiency; ST depression and flat T wave were observed in all the groups. These changes tended to improve with IPPB therapy. CO, EDV, ESV, RVP, CVP and MAP did not improve, but tended to be inhibited. Because ECG and respiratory function improved, IPPB therapy should be studied more from the relationships between the concentration of inhaled O<sub>2</sub> and pressure, and furthermore effects of PEEP or CPAP should be studied.

32/3,K/57 (Item 30 from file: 73)

Fulltext available through: [ScienceDirect](#)

EMBASE

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00447427 EMBASE No: 1976002958

**Anesthetic management of pelvic laparoscopy**

Endler G.C.

Dept. Anesthesiol., Wayne State Univ., Detroit, Mich. United States

Journal of the American Association of Nurse Anesthetists ( J. AM. ASSOC. NURSE ANESTH. ) 1974 , 42/6 (535-543)

**CODEN:** JANAA

**Document Type:** Journal

**Language:** ENGLISH

...Intraperitoneal pressure should be kept around 20 torr and, certainly, must not exceed 35 torr. **Gastric** inflation must be avoided. Preoxygenation for at least 3 min and avoidance of manual ventilation prior to intubation is suggested. Increased **positive airway pressure** to maintain adequate ventilation is usually required after peritoneal insufflation. The incidence of complications is...

**MEDICAL DESCRIPTORS:**

**therapy**

32/3,K/58 (Item 1 from file: 155)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

MEDLINE(R)

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14704438 **PMID:** 15600134

**Behavioral sleep medicine: a historical perspective.**

Stepanski Edward J

Sleep Disorder Service and Research Center, Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL 60612, USA. estepans@rush.edu

Behavioral sleep medicine ( United States ) 2003 , 1 (1) p4-21 , **ISSN:** 1540-2002--Print **Journal Code:** 101149327

Publishing Model Print

**Document type:** Historical Article; Journal Article

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...emerged as a subspecialty area within the broader field of sleep medicine. Certain commonly used **treatment** approaches in BSM were first pioneered in the 1930s, and this article traces the developments within BSM to current practice. Important innovations include the expansion of BSM beyond the **treatment** of **insomnia** to include **treatment** of pediatric sleep disorders, circadian rhythm disorders, parasomnias, as well as desensitization procedures for patients undergoing **treatment** with nasal continuous **positive airway pressure (CPAP)**.

; Behavioral Medicine--methods--MT; Chronobiology Disorders--**therapy** --TH; Cognitive **Therapy**--methods--MT; Continuous **Positive Airway Pressure**--methods--MT; History, 20th Century; Humans; Relaxation Techniques; Sleep Initiation and Maintenance Disorders-- **therapy**--TH

32/3,K/59 (Item 2 from file: 155)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

MEDLINE(R)

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14438290 PMID: 12899744

[Clinical analysis of 190 cases of outbreak with atypical pneumonia in Guangzhou in spring, 2003]

Zhao Zi-wen; Zhang Fu-chun; Xu Min; Huang Kan; Zhong Wei-nong; Cai Wei-ping ; Yin Chi-biao; Huang Shao-dan; Deng Zhe-tong; Wei Min

Guangzhou Municipal First People's Hospital, Guangzhou 510180, China.

Zhonghua yi xue za zhi ( China ) May 10 2003 , 83 (9) p713-8 , ISSN: 0376-2491--Print Journal Code: 7511141

Publishing Model Print

**Document type:** English Abstract; Journal Article; Research Support, Non-U.S. Gov't

**Languages:** CHINESE

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

**OBJECTIVE:** To study methods of diagnosis and **treatment** for atypical pneumonia (Severe Acute Respiratory Syndrome), outbreak of the illness in Guangzhou during Jan... ..accompany by dyspnea, cough, palpitate, weakness, headache and swirl. Other 46 cases were accompanied by

**diarrhea.** Most of patients, manifestation of lungs was negative. Chest X-ray, shadow of lungs were... ..died with severity ARDS. Using general antibiotic was of no effect for the illness. Continual **positive airway pressure** ( **CPAP**) and glucocorticoid was required that can control deprivation of the disease when toxicosis symptom of... ..and spread by airway. Using general antibiotic was of no effect for the illness. Continual **positive airway pressure** ( **CPAP**) and glucocorticoid are effective for control of the disease.

; Adolescent; Adult; Aged; Aged, 80 and over; Anti-Bacterial Agents-- **therapeutic use--TU**; China; Disease Outbreaks; Humans; Methylprednisolone--**therapeutic use--TU**; Middle Aged; Positive-Pressure Respiration; Severe Acute Respiratory Syndrome --complications--CO; Severe Acute...

32/3,K/60 (Item 3 from file: 155)

Fulltext available through: USPTO Full Text Retrieval Options

MEDLINE(R)

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13461974 PMID: 11699236

**Headaches and their relationship to sleep.**

Biondi D M

Headache Management and Pain Rehabilitation Programs, Spaulding Rehabilitation Hospital, Department of Neurology, Harvard Medical School, Boston, Massachusetts, USA.

Dental clinics of North America ( United States ) Oct 2001 , 45 (4) p685-700 , ISSN: 0011-8532--Print Journal Code: 0217440

Publishing Model Print

**Document type:** Journal Article

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...is important to recognize and understand these relationships. Successful outcomes depend on the provision of **treatment** interventions specifically directed toward each condition. Nocturnal or early morning headaches that are associated with OSA are often eradicated after the sleep disorder is successfully managed with **CPAP**, oral appliances, or surgery. Substantial improvement in headache can also result from the successful management...

...disorders that may incite headaches such as heavy snoring, PLMS, or the various forms of **insomnia**. To improve headache patterns associated with **bruxism** and TMD, it is often necessary to formulate a multidisciplinary **treatment** approach that combines oral appliance **therapy**, stress management, biofeedback, oromandibular physical **therapy**, and, at times, pharmacologic **treatment** (i.e., tricyclic antidepressant, intramuscular botulinum toxin injections). There are still many gaps in the... ..evidence-based guidelines or consensus statements that can better delineate the identification, diagnostic evaluation, and **treatment** of sleep-related headache disorders and headaches that develop as a consequence of disordered sleep.

; Facial Pain--complications--CO; Headache Disorders--**therapy**--TH; Humans; Sleep **Bruxism**--complications--CO; Sleep Disorders-- **therapy**--TH

32/3,K/61 (Item 4 from file: 155)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

MEDLINE(R)

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12415118 PMID: 10349526

**Maternal fever and neonatal depression: preliminary observations.**

Perlman J M

Department of Pediatrics, UT Southwestern Medical School, Dallas 75235-9063, USA.

Clinical pediatrics ( UNITED STATES ) May 1999 , 38 (5) p287-91 , ISSN: 0009-9228--Print Journal Code: 0372606

Publishing Model Print

**Document type:** Journal Article

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

**Maternal fever and neonatal depression: preliminary observations.**

...importance of maternal fever (maternal temperature > 38 degrees C) as a risk factor for neonatal depression and (2) the clinical course of infants admitted to the Neonatal Intensive Care Unit (NICU... ..delivery room included oxygen only in 43 infants, bag and mask ventilation in 38, continuous positive airway pressure in 10, intubation in 16, and CPR in six infants. Forty-nine infants (43%) had... ..Clinicians attending the delivery of a mother with fever should anticipate the potential for neonatal depression; such awareness should facilitate appropriate preparation before delivery and potentially reduce the need for more...

; Apgar Score; Cardiopulmonary Resuscitation; Heart Rate; Humans; Infant, Newborn; Pregnancy; Respiratory Insufficiency--**therapy**--TH

32/3,K/62 (Item 5 from file: 155)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

MEDLINE(R)

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11819080 PMID: 9641039

**[Lung physiotherapy as prophylaxis against atelectasis and pneumonia after abdominal surgery]**

Lungefysioterapi som profylakse mod atelektase og pneumoni efter abdominal kirurgi.



Lie C; Kehlet H; Rosenberg J

Hvidovre Hospital, kirurgisk gastroenterologisk afdeling.

Ugeskrift for laeger ( DENMARK ) . Jun 8 1998 , 160 (24) p3540-4 , ISSN: 0041-5782--Print **Journal Code:** 0141730

Publishing Model Print

**Document type:** English Abstract; Journal Article; Review

**Languages:** DANISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...To prevent this, an array of methods, such as lung physiotherapy, incentive spirometry, or mask **treatment** with **positive airway pressure** are used. The available controlled studies indicate that none of these **treatment** modalities reduce the occurrence of postoperative atelectasis, but only lung physiotherapy is able to reduce the development of postoperative pneumonia. Thus, we recommend lung physiotherapy as prophylactic **treatment** after **abdominal** surgery. The value of optimized **pain** alleviation and mobilisation in addition to lung physiotherapy should be evaluated in future trials.

**Descriptors:** \*Atelectasis--prevention and control--PC; \*Gastrointestinal Diseases --surgery--SU; \*Lung--physiopathology--PP; \*Physical **Therapy** Modalities; \*Pneumonia--prevention and control--PC; \*Postoperative Complications--prevention and control--PC ; Atelectasis--etiology--ET; Clinical Trials; Humans; Pain, Postoperative --drug **therapy**--DT; Pneumonia--etiology--ET; Positive-Pressure Respiration; Spirometry

32/3,K/63 (Item 6 from file: 155)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

MEDLINE(R)

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11793345 PMID: 9613152

**[Improvement of QOL by advance in the management of respiratory disorders, dysphagia and upper gastrointestinal disorders in children with severe cerebral palsy]**

Kitazumi E

Department of Pediatrics, National Rehabilitation Center for Disabled Children, Tokyo.

No to hattatsu. Brain and development ( JAPAN ) May 1998 , 30 (3) p207-14 , ISSN: 0029-0831--Print **Journal Code:** 0215224

Publishing Model Print

**Document type:** English Abstract; Journal Article; Review

**Languages:** JAPANESE

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...and their consequent complications. Non-invasive ventilatory support methods such as nasal IPPV and nasal CPAP can be also effective. Enteral feeding through a naso-jejunal catheter can successfully manage feeding difficulty due to gastroesophageal reflux when surgical **treatment** is difficult. Exact assessment of aspiration by adequately performed video-fluoroscopic swallowing examination leads to national management of dysphagia. Tube feeding by intermittent oro-gastric catheterization combined with oral feeding is useful way in many dysphagic children. Surgical **treatment** for prevention of aspiration markedly improves the general condition. These **treatments** and managements have markedly improved the QOL, of children with severe cerebral palsy in many...

**Descriptors:** \*Cerebral Palsy--rehabilitation--RH; \*Community Health Services; \*Deglutition Disorders--**therapy**--TH; \*Gastrointestinal Diseases-- **therapy**--TH; \*Quality of Life; \*Respiration Disorders-- **therapy**--TH

32/3,K/64 (Item 7 from file: 155)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

MEDLINE(R)

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11706131 PMID: 9510453

**Randomized controlled trial of discontinuation of nasal-CPAP in stable preterm infants breathing room air.**

Abdel-Hady H; Mohareb S; Khashaba M; Abu-Alkhair M; Greisen G

Department of Paediatrics, Mansoura Faculty of Medicine, Egypt.

Acta paediatrica (Oslo, Norway - 1992) (NORWAY) Jan 1998, 87 (1) p82-7, ISSN: 0803-5253--Print

Journal Code: 9205968

Publishing Model Print

**Document type:** Clinical Trial; Journal Article; Randomized Controlled Trial

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

**Randomized controlled trial of discontinuation of nasal-CPAP in stable preterm infants breathing room air.**

This trial assessed the consequences of discontinuation of nasal- CPAP in stable preterm infants breathing room air. Eighty-eight infants with a mean gestational age... ..weeks and a mean birthweight of 1264 (665-2060)g, randomized to either discontinuation of CPAP or its continuation, were clinically observed and monitored for 6 h by cardiorespiratory monitor, pulse oximeter and transcutaneous blood gas monitor. The abdominal circumference and gastric air and aspirate volumes were measured prior to meals at trial entry and after 6 h. Discontinuation of CPAP led to a small but significant decrease in oxygenation at 1 and 6 h. During... ..infants in the experimental group required supplemental oxygen and one infant was put back on CPAP owing to excessive apnoeas. Discontinuation of CPAP did not influence the TcPCO<sub>2</sub> or the number of apnoeas and bradycardias during the trial... ..at 6 h. It also led to a significant decrease in the abdominal circumference and gastric air volume. Thirty-nine percent of infants were put back on CPAP some time after the trial, mainly because of recurrent apnoeas and bradycardias. Taking the infant off CPAP during the trial reduced subsequent use of CPAP.

**Descriptors:** \*Infant, Premature, Diseases--therapy--TH; \*Positive-Pressure Respiration--methods--MT;

\*Respiratory Distress Syndrome, Newborn-- therapy--TH; \*Ventilator Weaning ; ...Pulmonary Gas

Exchange; Respiratory Distress Syndrome, Newborn --mortality--MO; Respiratory Mechanics--physiology--PH; Survival Rate; Treatment Outcome

32/3,K/65 (Item 8 from file: 155)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

MEDLINE(R)

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11288946 PMID: 9172639

**[Ventilation modes and strategies in intensive care medicine]**

Beatmungsformen und -strategien in der Intensivmedizin.

Rathgeber J

Zentrum Anaesthesiologie, Georg-August, Universitat Gottingen.

Anaesthesiologie und Reanimation ( GERMANY ) 1997 , 22 (1) p4-14 , ISSN: 0323-4983--Print **Journal Code:** 7611455

Publishing Model Print

**Document type:** English Abstract; Journal Article; Review

**Languages:** GERMAN

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...resulted in a remarkable decrease in classical volume controlled and pressure controlled ventilation modes as **treatment** for severe acute respiratory insufficiency. New modes of ventilatory support enabling and encouraging patients' spontaneous breathing, such as Biphase **Positive Airway Pressure** (BIPAP) and Airway Pressure Release Ventilation (APRV), make it possible to adapt ventilatory support better... ..further carry the risk of overdosing a different single drug with the corresponding side-effects (**depression** of respiratory drive, gut motility, etc.).

**Descriptors:** \*Critical Care--methods--MT; \*Respiration, Artificial--methods--MT; \*Respiratory Insufficiency--therapy--TH

32/3,K/66 (Item 9 from file: 155)

Fulltext available through: USPTO Full Text Retrieval Options

MEDLINE(R)

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09838205 **PMID:** 8235236

**Cardiac failure and benzodiazepines.**

Guilleminault C; Clerk A; Labanowski M; Simmons J; Stoohs R

Stanford University Sleep Disorders Clinic and Research Center, California 94304.

Sleep ( UNITED STATES ) Sep 1993 , 16 (6) p524-8 , ISSN: 0161-8105--Print **Journal Code:** 7809084

**Contract/Grant No.:** 00070; PHS; AG-07772; AG; NIA

Publishing Model Print

**Document type:** Journal Article; Research Support, U.S. Gov't, P.H.S.

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...month. Subjects were monitored under three conditions: 1) without any sleeping medication, 2) during nasal **CPAP** administration and 3) at two points during a month-long administration of the benzodiazepine that had initially been prescribed to them. Overall, the benzodiazepine hypnotic improved the **sleep fragmentation** noted in these patients by decreasing the arousal index from a mean of 18 +/- 6... ..baseline to a mean of 9 +/- 6.5 per hour after one month of benzodiazepine **therapy**. Total nocturnal sleep time was consequently improved [baseline mean nocturnal total sleep time: 313 +/- 27... ..mean RDI after 1 month of drug intake: 21.3 +/- 2.5 events/hour]. Nasal **CPAP** was also ineffective on the disordered breathing. In this group of subjects, respiration was even significantly worsened with nasal **CPAP** compared to baseline, as indicated by RDI ( $p < 0.0001$ ), lowest SaO<sub>2</sub> ( $p < 0.0001$ ...

**Descriptors:** \*Benzodiazepines--therapeutic use--TU; \*Heart Failure, Congestive --diagnosis--DI ; ...PD; Clinical Protocols; Electrocardiography; Electroencephalography; Electrooculography; Heart Failure, Congestive--complications--CO; Heart Failure, Congestive--drug **therapy**--DT; Heart Failure, Congestive --physiopathology--PP; Heart Ventricles--physiopathology--PP; Humans; Middle Aged; Positive-Pressure Respiration--methods--MT; Sleep Disorders --complications--CO; Sleep Disorders--diagnosis--DI; Sleep Disorders-- **therapy**--TH

32/3,K/67 (Item 10 from file: 155)

Fulltext available through: USPTO Full Text Retrieval Options  
MEDLINE(R)

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09384836 PMID: 1527262

**A comparison of continuous positive pressure ventilation, combined high frequency ventilation and airway pressure release ventilation on experimental lung injury.**

Jousela I; Linko K; Makelainen A

Department of Anaesthesia, Helsinki University Central Hospital, Finland.

Intensive care medicine ( UNITED STATES ) 1992 , 18 (5) p299-303 , ISSN: 0342-4642--Print Journal Code: 7704851

Publishing Model Print

**Document type:** Comparative Study; Journal Article; Research Support, Non-U.S. Gov't

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...continuous positive pressure ventilation (CPPV) in a randomized study. The respiratory rate was 15/min, CPAP 8 mmHg and FiO<sub>2</sub> 0.25. PaCO<sub>2</sub> was maintained at 5 kPa. PaO<sub>2</sub> was significantly... ..was no difference in the pericardiac pressure between the 3 ventilation modes. The pressure related depressive effects on the cardiovascular function during CHFV and APRV were similar to those during CPPV...

; ...Pulmonary Artery; Random Allocation; Respiratory Distress Syndrome, Adult--chemically induced--CI; Respiratory Distress Syndrome, Adult-- therapy--TH; Swine

32/3,K/68 (Item 11 from file: 155)

Fulltext available through: USPTO Full Text Retrieval Options  
MEDLINE(R)

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08585571 PMID: 2203722

**Effect of CPAP on respiratory effort and dyspnea during exercise in severe COPD.**

Petrof B J; Calderini E; Gottfried S B

Department of Medicine, Montreal General Hospital, Quebec, Canada.

Journal of applied physiology (Bethesda, Md. - 1985) ( UNITED STATES ) Jul 1990 , 69 (1) p179-88 , ISSN: 8750-7587--Print Journal Code: 8502536

Publishing Model Print

**Document type:** Journal Article; Research Support, Non-U.S. Gov't

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

**Effect of CPAP on respiratory effort and dyspnea during exercise in severe COPD.**

Recent work has demonstrated the ability of continuous positive airway pressure (CPAP) to relieve dyspnea during exercise in patients with severe chronic obstructive pulmonary disease (COPD). The present study examined the effects of CPAP (7.5-10 cmH<sub>2</sub>O) on the pattern of respiratory muscle activation and its relationship to... ..breathing pattern, end-expiratory lung volume, or pulmonary compliance and resistance with the addition of CPAP. CPAP reduced inspiratory muscle effort, as indicated by the pressure-time

integral of transdiaphragmatic (integral of... ..01 and P less than 0.05, respectively). In contrast, the pressure-time integral of gastric pressure (integral of Pga.dt), used as an index of abdominal muscle recruitment during expiration, increased (P less than 0.01). Dyspnea improved with CPAP in five of the eight patients. The amelioration of dyspnea was directly related to reductions... ..related to increases in integral of Pga.dt (P less than 0.01). In conclusion, CPAP reduces inspiratory muscle effort during exercise in COPD patients.

However, the expected improvement in dyspnea...

**Descriptors:** \*Lung Diseases, Obstructive--therapy--TH; \*Positive-Pressure Respiration ; Aged; Dyspnea--physiopathology--PP; Dyspnea--therapy--TH; Exercise --physiology--PH; Exercise Therapy; Humans; Lung Diseases, Obstructive--physiopathology--PP; Lung Volume Measurements; Middle Aged; Respiratory Muscles--physiopathology--PP...

32/3,K/69 (Item 12 from file: 155)

Fulltext available through: [USPTO Full Text Retrieval Options](#)  
MEDLINE(R)

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04799277 PMID: 278777

**Arteriovenous perfusion with the pulmonary assist membrane oxygenator.**

Borovetz H S; Griffith B P; Hung T K; Hardesty R L; Weissman M H

International journal of artificial organs ( ITALY ) Sep 1978 , 1 (5) p232-8 , ISSN: 0391-3988--Print **Journal Code:** 7802649

Publishing Model Print

**Document type:** Journal Article; Research Support, U.S. Gov't, P.H.S.

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...respiratory support in arteriovenous perfusion was studied using small mongrel dogs rendered hypoxic by oxygen depression. The unit is employed along with the conventional ventilation techniques (such as CPAP and PEEP) when the latter alone cannot maintain adequate gas exchange in the lung. The...

; Animals; Blood Pressure; Cardiac Output; Dogs; Oxygen--blood--BL; Respiratory Insufficiency--therapy--TH

32/3,K/70 (Item 1 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)  
SciSearch(R) Cited Ref Sci

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12059622 **Genuine Article#:** 677ZY **No. References:** 0

**Depressive symptoms in patients with OSA and the impact of nasal CPAP treatment**

**Author:** Suhner AG; Darko DD; Erman MK; Riel KF; Mitler MM

**Corporate Source:** Scripps Res Inst,Dept Neuropharmacol,La Jolla//CA/; Pacific Sleep Med Serv,La Jolla//CA/

**Journal:** SLEEP , 2003 , V 26 ( MAY 15 ) , P A225-A225

**ISSN:** 0161-8105 **Publication date:** 20030515

**Publisher:** AMER ACADEMY SLEEP MEDICINE , ONE WESTBROOK CORPORATE CENTER STE 920, WESTCHESTER, IL 60154 USA

Language: English Document Type: MEETING ABSTRACT

**Depressive symptoms in patients with OSA and the impact of nasal CPAP treatment**

32/3,K/71 (Item 2 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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11606119 Genuine Article#: 673KD No. References: 13

**The recognition and treatment of the intermediate syndrome of organophosphate poisoning in a dog**

**Author:** Hopper K (REPRINT) ; Aldrich J; Haskins SC

**Corporate Source:** Vet Med Teaching Hosp, 1 Shields Ave/Davis//CA/95616 (REPRINT); Vet Med Teaching Hosp, Davis//CA/95616

**Journal:** JOURNAL OF VETERINARY EMERGENCY AND CRITICAL CARE , 2002 , V 12 , N2 ( JUN ) , P 99-103

**ISSN:** 1534-6935 **Publication date:** 20020600

**Publisher:** BLACKWELL PUBL LTD , 108 COWLEY RD, OXFORD OX4 1JF, OXON, ENGLAND

Language: English Document Type: ARTICLE ( ABSTRACT AVAILABLE )

**The recognition and treatment of the intermediate syndrome of organophosphate poisoning in a dog**

**Abstract:** ...household demonstrated mild clinical signs of organophosphate toxicity. A blood cholinesterase level was markedly reduced. Therapy included placement of a tracheostomy tube and mechanical ventilation. The dog gradually improved over the... ...muscles but cranial nerve deficits can also occur. Dogs can die from the associated respiratory depression. Oxime therapy is indicated in the treatment of this syndrome.

32/3,K/72 (Item 3 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

(c) 2007 The Thomson Corp. All rights reserved.

09810595 Genuine Article#: 450QP No. References: 4

**Amyotrophic lateral sclerosis associated with insomnia and the aggravation of sleep-disordered breathing**

**Author:** Takekawa H; Kubo J; Miyamoto T; Miyamoto M (REPRINT) ; Hirata K

**Corporate Source:** Dokkyo Univ, Sch Med, Dept Neurol, Kitakobayashi 880/Mibu/Tochigi 3210293/Japan/ (REPRINT); Dokkyo Univ, Sch Med, Dept Neurol, Mibu/Tochigi 3210293/Japan/

**Journal:** PSYCHIATRY AND CLINICAL NEUROSCIENCES , 2001 , V 55 , N3 ( JUN ) , P 263-264

**ISSN:** 1323-1316 **Publication date:** 20010600

**Publisher:** BLACKWELL SCIENCE ASIA , 54 UNIVERSITY ST, P O BOX 378, CARLTON, VICTORIA 3053, AUSTRALIA

Language: English Document Type: ARTICLE ( ABSTRACT AVAILABLE )

**Amyotrophic lateral sclerosis associated with insomnia and the aggravation of sleep-disordered breathing**

**Abstract:** ...sclerosis (ALS) diagnosed by sleep-disordered breathing is described. The patient's chief complaints were insomnia and nocturnal dyspnea after taking a hypnotic drug. On examination, he showed restrictive ventilatory impairment... ...needle electromyography and muscle biopsy The daytime and nocturnal respiratory insufficiency improved after nasal bilevel positive airway pressure therapy.

**Amyotrophic lateral sclerosis should be suspected as a cause of insomnia and nocturnal dyspnea.**

32/3,K/73 (Item 4 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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08629276 **Genuine Article#:** 308LM **No. References:** 87

**The implications of HIV for the anaesthetist and the intensivist**

**Author:** Avidan MS (REPRINT) ; Jones N; Pozniak AL

**Corporate Source:** UNIV LONDON KINGS COLL,ACAD DEPT ANAESTHESIA, BESSEMER RD/LONDON SE5 9PJ//ENGLAND/ (REPRINT); JOHN RADCLIFFE HOSP,DEPT MICROBIOL/OXFORD OX3 9DU//ENGLAND/; CHELSEA & WESTMINSTER HOSP,/LONDON//ENGLAND/

**Journal:** ANAESTHESIA , 2000 , V 55 , N4 ( APR ) , P 344-354

**ISSN:** 0003-2409 **Publication date:** 20000400

**Publisher:** BLACKWELL SCIENCE LTD , P O BOX 88, OSNEY MEAD, OXFORD OX2 0NE, OXON, ENGLAND

**Language:** English **Document Type:** REVIEW ( ABSTRACT AVAILABLE )

**Abstract:** ...and undiagnosed, symptomatic and asymptomatic, human immunodeficiency virus-infected patients in the fields of intensive **therapy**, operating theatre anaesthesia, obstetrics and pain management. With recent advances, important insights have been gained... ..quantification of viral burden, and together with CD4 T-lymphocyte count, prognosis and response to **therapy** can be evaluated. New drugs and **therapeutic** regimens have improved prognosis for those who are infected with the virus and vertical transmission...

**Identifiers--** ...PNEUMOCYSTIS-CARINII PNEUMONIA; HUMAN-IMMUNODEFICIENCY-VIRUS; **POSITIVE AIRWAY PRESSURE**; AMBULATORY AIDS PATIENTS; ANTIRETROVIRAL **THERAPY**; ANESTHESIA PERSONNEL; INFECTED PATIENTS; **ABDOMINAL-PAIN**; FACE MASK; DISEASE

32/3,K/74 (Item 5 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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06291630 **Genuine Article#:** YG499 **No. References:** 10

**Efficacy of L-846, an ultra-short-acting non-benzodiazepine sleep inducer, in patients with sleep disturbances - Evaluation by polysomnography.**

**Author:** Sakamoto T (REPRINT) ; Uchimura N; Mukai M; Hashizume Y; Mizuma H; Uchida T ; Kotorii T; Shirakawa S; Nakazawa Y

**Corporate Source:** KURUME UNIV,SCH MED, DEPT NEUROPSYCHIAT, 67 ASAHI MACHI/KURUME/FUKUOKA 830/JAPAN/ (REPRINT)

**Journal:** JAPANESE JOURNAL OF NEUROPSYCHOPHARMACOLOGY , 1997 , V 19 , N10 ( OCT ) , P 935-945

**ISSN:** 0388-7588 **Publication date:** 19971000

**Publisher:** SEIWA SHOTEN PUBL LTD , 2-5 KAMITAKAIDO 1-CHOME, SUGINAMI-KU, TOKYO 168, JAPAN

**Language:** Japanese **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** ...basis of polysomnographic (PSG) finding on patients with neuroses who had a chief complaint of insomnia or sleep disturbance.

The patients were randomly assigned to receive 5 mg (6 patients) or... ..nights to establish baseline values (mean values were used as baseline), three nights of drug **treatment**, and two nights for withdrawal. Since there were no major difference between 5 mg and... ..increase in sleep efficiency and significant shortening of sleep latency. No distinct evidence of rebound **insomnia** was noted. When the patients were analyzed on an individual basis, slow wave sleep increased...

**Research Fronts:** 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

32/3,K/75 (Item 6 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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06229106 **Genuine Article#:** YD301 **No. References:** 61

**Effect of sleep deprivation on neuroendocrine response to a serotonergic probe in healthy male subjects**

**Author:** Seifritz E (REPRINT) ; Muller MJ; Annen O; Nil R; Hatzinger M; Hemmeter U; Moore P; HolsboerTrachsler E

**Corporate Source:** UNIV BASEL,HOSP PSYCHIAT, DEPRESS RES UNIT, WILHELM KIEINSTR 27/CH-4025 BASEL//SWITZERLAND/ (REPRINT); UNIV CALIF SAN DIEGO,DEPT PSYCHIAT/LA JOLLA//CA/92093; H LUNDBECK SCHWEIZ AG,/CH-8152 OPFIKON GLATTBRUG//SWITZERLAND/

**Journal:** JOURNAL OF PSYCHIATRIC RESEARCH , 1997 , V 31 , N5 ( SEP-OCT ) , P 543-554

ISSN: 0022-3956 **Publication date:** 19970900

**Publisher:** PERGAMON-ELSEVIER SCIENCE LTD , THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD, ENGLAND OX5 1GB

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Identifiers--** ...EYE-MOVEMENT SLEEP; DEPRESSED-PATIENTS; BRAIN-SEROTONIN; RAT-BRAIN; ANTIDEPRESSANT **TREATMENTS**; DOPAMINERGIC RECEPTORS; PINDOLOL PRETREATMENT; MAJOR **DEPRESSION**; NORMAL MEN; PROLACTIN

**Research Fronts:** 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

32/3,K/76 (Item 7 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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06163242 **Genuine Article#:** XY987 **No. References:** 42

**Bupropion and sexual function: A placebo-controlled prospective study on diabetic men with erectile dysfunction**

**Author:** Rowland DL (REPRINT) ; Myers L; Culver A; Davidson JM

**Corporate Source:** VALPARAISO UNIV,DEPT PSYCHOL/VALPARAISO//IN/46383 (REPRINT); CALIF STATE UNIV STANISLAUS,DEPT PSYCHOL/TURLOCK//CA/95382; STANFORD UNIV,SCH MED, DEPT



MOL PHYSIOL/STANFORD//CA/94305

**Journal:** JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY , 1997 , V 17 , N5 ( OCT ) , P 350-357

**ISSN:** 0271-0749 **Publication date:** 19971000

**Publisher:** WILLIAMS & WILKINS , 351 WEST CAMDEN ST, BALTIMORE, MD 21201-2436

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** ...measures, relevant either to erectile function or to neural/vascular systems during baseline and bupropion treatment. Results indicated that neither subjective nor objective measures of erectile and overall sexual functioning worsened... ..with the potential for improved erectile response, bupropion may provide an attractive choice for the treatment of depression in diabetic men or others for whom sexual dysfunction is a concern.

**Research Fronts:** 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-0551 001 (SELECTIVE SEROTONIN REUPTAKE INHIBITORS IN DEPRESSION; TRICYCLIC ANTIDEPRESSANTS; LONG-TERM MANAGEMENT)

95-0679 001 (SEXUAL ORIENTATION; ERECTILE DYSFUNCTION; EGO-DYSTONIC HOMOSEXUALITY... ..001 (EXPLICIT MEMORY BIAS IN ANXIETY; COGNITIVE PROCESSING OF EMOTIONAL INFORMATION; NEGATIVE MOOD INDUCTION; CLINICAL DEPRESSION)

95-6334 001 (INFANTS PITCH PERCEPTION; RECEIVER OPERATING CHARACTERISTIC (ROC) ANALYSIS; MISSING FUNDAMENTAL STIMULI; ORIENTATION...

32/3,K/77 (Item 8 from file: 34)

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SciSearch(R) Cited Ref Sci

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06158203 **Genuine Article#:** XY403 **No. References:** 68

**Nonorganic insomnia in generalized anxiety disorder .2. Comparative studies on sleep, awakening, daytime vigilance and anxiety under lorazepam plus diphenhydramine (Somnium(R)) versus lorazepam alone, utilizing clinical, polysomnographic and EEG mapping methods**

**Author:** Saletu B (REPRINT) ; SaletuZyhlarz G; Anderer P; Brandstatter N; Frey R; Gruber G; Klosch G; Mandl M; Grunberger J; Linzmayer L

**Corporate Source:** UNIV VIENNA,SCH MED, DEPT PSYCHIAT, WAHRINGER GURTEL 18-20/A-1090 VIENNA//AUSTRIA/ (REPRINT)

**Journal:** NEUROPSYCHOBIOLOGY , 1997 , V 36 , N3 , P 130-152

**ISSN:** 0302-282X **Publication date:** 19970000

**Publisher:** KARGER , ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Nonorganic insomnia in generalized anxiety disorder .2. Comparative studies on sleep, awakening, daytime vigilance and anxiety under...**

**Abstract:** ...study, hypnotic and anxiolytic effects of SOM were studied in 44 patients with non-organic insomnia related to mild generalized anxiety disorder (GAD), as compared with LOR alone. After a placebo run-in phase of 1 week, they received active treatment (1 tablet SOM or LOR 1 mg) for 4 weeks and thereafter placebo again for... ..the Hamilton anxiety rating scale (HAMA), the Zung self-rat-ing anxiety scale (SAS) and depression scale, the withdrawal symptom scale (WSS), hematology and blood chemistry. Sleep laboratory evaluations included objective... ..well as measurement of daytime brain function, objectivated by EEG mapping. Physicians' global evaluation of insomnia demonstrated no changes in the pre-drug placebo

period, moderate improvement under both drugs, with... values after post-drug placebo substitution. There were no significant findings in the self-rating depression scale and the WSS, with the exception of an improvement in the WSS score 4... noopsyche. In psychophysiology, critical flicker frequency decreased more under SOM than LOR. After 4 weeks therapy, no significant findings in polysomnography and subjective sleep and awakening were seen, except for an... ..

**Identifiers-- ...ANXIOUS PATIENTS; REBOUND ANXIETY; ABUSE LIABILITY; BENZODIAZEPINE; WITHDRAWAL; NEUROPSYCHOPHARMACOLOGY; DIAZEPAM; THERAPY; CLORAZEPATE; DEPRESSION**

**Research Fronts: 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)**

**95-6553 001 (PANIC DISORDER; MAJOR DEPRESSION; NUTRITIONAL THERAPY; YALE-BROWN OBSESSIVE-COMPULSIVE SCALE)**

32/3,K/78 (Item 9 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

(c) 2007 The Thomson Corp. All rights reserved.

06079906 **Genuine Article#:** XT993 **No. References:** 34

**Sleep quality during alcohol withdrawal with bright light therapy**

**Author:** Schmitz M (REPRINT) ; Frey R; Pichler P; Ropke H; Anderer P; Saletu B; Rudas S

**Corporate Source:** KURATORIUM PSYCHOSOZIALE DIENSTE,DEPT QUAL ASSURANCE, SEISGASSE 9/A-1040 VIENNA//AUSTRIA/ (REPRINT); UNIV VIENNA,HOSP PSYCHIAT/VIENNA//AUSTRIA/

**Journal:** PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY , 1997 , V 21 , N6 ( AUG ) , P 965-977

**ISSN:** 0278-5846 **Publication date:** 19970800

**Publisher:** PERGAMON-ELSEVIER SCIENCE LTD , THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD, ENGLAND OX5 1GB

**Language:** English **Document Type:** REVIEW ( ABSTRACT AVAILABLE )

**Sleep quality during alcohol withdrawal with bright light therapy**

**Abstract:** 1. Alcohol withdrawal is a complex syndrome that ranges from anxiety, insomnia to delirium tremens. Common treatment is the application of sedative medication. Exposure to bright light in the daytime should advance... ..of man's adaptive behavior during alcohol withdrawal.

2. This pilot study describes bright light therapy (BL) during alcohol withdrawal in ten alcohol dependent patients (DSM-III-R: 291.80) without...

**Research Fronts: 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)**

32/3,K/79 (Item 10 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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06079673 **Genuine Article#:** XT926 **No. References:** 13

## **Sleep changes after 4 consecutive days of venlafaxine administration in normal volunteers**

**Author:** SalinPascual RJ (REPRINT) ; GaliciaPolo L; DruckerColin R

**Corporate Source:** NATL AUTONOMOUS UNIV MEXICO,FAC MED, DEPT FISIOL, APDO POSTAL 70-250/MEXICO CITY 04510/DF/MEXICO/ (REPRINT); UNIV NACL AUTONOMA MEXICO,HOSP PSIQUIATR FRAY BERNARDINO ALVAREZ, SERV INVEST, SECRETARIA SALUD/MEXICO CITY 04510/DF/MEXICO/; UNIV NACL AUTONOMA MEXICO,INST FISIOL CELULAR, DEPT NEUROCIENCIAS/MEXICO CITY 04510/DF/MEXICO/

**Journal:** JOURNAL OF CLINICAL PSYCHIATRY , 1997 , V 58 , N8 ( AUG ) , P 348-350

**ISSN:** 0160-6689 **Publication date:** 19970800

**Publisher:** PHYSICIANS POSTGRADUATE PRESS , P O BOX 240008, MEMPHIS, TN 38124

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Identifiers-- ...DEPRESSION**

**Research Fronts:** 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-2988 001 (NEFAZODONE TREATMENT OF MAJOR DEPRESSION; ANTIDEPRESSANT ACTION; NONLINEAR PHARMACOKINETICS; SEROTONIN UPTAKE INHIBITORS)

32/3,K/80 (Item 11 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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05954672 **Genuine Article#:** XJ890 **No. References:** 50

**Sleep-onset rapid eye movement after electroconvulsive therapy is more frequent in patients who respond less well to electroconvulsive therapy**

**Author:** Grunhaus L (REPRINT) ; Shipley JE; Eiser A; Pande AC; Tandon R; Krahn DD; Demitrack MA; Remen A; Hirschmann S; Greden JF

**Corporate Source:** CHAIM SHEBA MED CTR,ECT INST/IL-52621 TEL HASHOMER//ISRAEL/ (REPRINT); CHAIM SHEBA MED CTR,DEPT PSYCHIAT/IL-52621 TEL HASHOMER//ISRAEL/; UNIV MICHIGAN,DEPT PSYCHIAT/ANN ARBOR//MI/48109; WARNER LAMBERT PARKE DAVIS,PARKE DAVIS PHARMACEUT RES/ANN ARBOR//MI/48105

**Journal:** BIOLOGICAL PSYCHIATRY , 1997 , V 42 , N3 ( AUG 1 ) , P 191-200

**ISSN:** 0006-3223 **Publication date:** 19970801

**Publisher:** ELSEVIER SCIENCE INC , 655 AVENUE OF THE AMERICAS, NEW YORK, NY 10010

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Sleep-onset rapid eye movement after electroconvulsive therapy is more frequent in patients who respond less well to electroconvulsive therapy**

**Abstract:** The response to electroconvulsive therapy (ECT) was monitored with sleep polysomnography studies (SPS) performed pre- and post-ECT, in 25 patients with major depressive disorder (MDD). Patients included in this study met research diagnostic criteria for MDD and had... ..ECT may help identify patients at risk of responding less well to this modality of treatment. (C) 1997 Society of Biological Psychiatry.

**Identifiers-- ...REM LATENCY; DEPRESSED-PATIENTS; CONTINUATION THERAPY; AFFECTIVE-DISORDER; AFFECTIVE-ILLNESS; MAJOR DEPRESSION; EEG SLEEP; RECURRENCE; REVISIT; ECT**

**Research Fronts:** 95-0136 001 (SEIZURE THRESHOLD IN ELECTROCONVULSIVE-THERAPY; UNILATERAL ECT; GERIATRIC UNIPOLAR DEPRESSION)

**95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)**

**95-0551 001 (SELECTIVE SEROTONIN REUPTAKE INHIBITORS IN DEPRESSION ; TRICYCLIC ANTIDEPRESSANTS; LONG-TERM MANAGEMENT)**

32/3,K/81 (Item 12 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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05892719 **Genuine Article#:** XE719 **No. References:** 34

**REM sleep in depressed patients: Different attempts to achieve adaptation**

**Author:** Rotenberg VS; Kayumov L (REPRINT) ; Indursky P; Hadjez J; Kimhi R; Sirota P ; Bichucher A; Elizur A  
**Corporate Source:** TORONTO HOSP, WESTERN DIV, SLEEP & ALERTNESS CLIN, FELL PAVILION 6-108, 399 BATHURST ST/TORONTO/ON M5T 2S8/CANADA/ (REPRINT); TORONTO HOSP, WESTERN DIV, SLEEP & ALERTNESS CLIN/TORONTO/ON M5T 2S8/CANADA/; TEL AVIV UNIV.ABARBANEL MENTAL HLTH HOSP/IL-69978 TEL AVIV//ISRAEL/

**Journal:** JOURNAL OF PSYCHOSOMATIC RESEARCH , 1997 , V 42 , N6 ( JUN ) , P 565-575

**ISSN:** 0022-3999 **Publication date:** 19970600

**Publisher:** PERGAMON-ELSEVIER SCIENCE LTD , THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD, ENGLAND OX5 1GB

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Identifiers--** ...DEPRIVATION; LATENCY; **THERAPY**

**Research Fronts:** 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-2328 001 (SLEEP EEG; MAJOR **DEPRESSION**; CHRONIC MILD STRESS-INDUCED ANHEDONIA MODEL)

95-6553 001 (PANIC DISORDER; MAJOR **DEPRESSION**; NUTRITIONAL **THERAPY**; YALE-BROWN OBSESSIVE-COMPULSIVE SCALE)

32/3,K/82 (Item 13 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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05871682 **Genuine Article#:** XD153 **No. References:** 88

**The effects of acute exercise on sleep: A quantitative synthesis**

**Author:** Youngstedt SD (REPRINT) ; OConnor PJ; Dishman RK

**Corporate Source:** UNIV CALIF SAN DIEGO, DEPT PSYCHIAT, CIRCADIAN PACEMAKER LAB/LA JOLLA//CA/92093 (REPRINT); UNIV GEORGIA, DEPT EXERCISE SCI/ATHENS//GA/30602

**Journal:** SLEEP , 1997 , V 20 , N3 ( MAR ) , P 203-214

**ISSN:** 0161-8105 **Publication date:** 19970300

**Publisher:** AMER SLEEP DISORDERS ASSOC , 1610 14TH STREET NW SUITE 300, ROCHESTER, MN 55806

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Identifiers--** ...SLOW-WAVE SLEEP; CIRCADIAN-RHYTHMS; PHYSICAL-ACTIVITY; METAANALYSIS; INSOMNIA; PATTERNS; ADULTS; WOMEN; MEN; ASSOCIATION

**Research Fronts:** ...FITNESS; PHYSICAL-ACTIVITY DURING LEISURE-TIME)

95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-2328 001 (SLEEP EEG; MAJOR **DEPRESSION**; CHRONIC MILD STRESS-INDUCED ANHEDONIA MODEL)

95-6188 001 (METAANALYSIS OF RANDOMIZED EXPERIMENTS; ADDRESSING LIMITATIONS IN DATA QUALITY; COGNITIVE **THERAPY FOR DEPRESSION**)

32/3,K/83 (Item 14 from file: 34)

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05859127 **Genuine Article#:** XC117 **No. References:** 20

**A comparison of nefazodone and fluoxetine on mood and on objective, subjective, and clinician-rated measures of sleep in depressed patients: A double-blind, 8-week clinical trial**

**Author:** Gillin JC (REPRINT) ; Rapaport M; Erman MK; Winokur A; Albala BJ

**Corporate Source:** UNIV CALIF SAN DIEGO,VET AFFAIRS MED CTR 116A, 3350 LA JOLLA VILLAGE DR/SAN DIEGO//CA/92161 (REPRINT); SLEEP PHYS CALIF,/LA JOLLA//CA/; UNIV PENN,DEPT PSYCHIAT/PHILADELPHIA//PA/19104; CTA BIOSERV INC,/SALEM//NY/

**Journal:** JOURNAL OF CLINICAL PSYCHIATRY , 1997 , V 58 , N5 ( MAY ) , P 185-192

**ISSN:** 0160-6689 **Publication date:** 19970500

**Publisher:** PHYSICIANS POSTGRADUATE PRESS , P O BOX 240008, MEMPHIS, TN 38124

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** ...blind, randomized, parallel-group study.

**Method:** Forty-four outpatients with moderate to severe, nonpsychotic major **depressive** disorder (DSM-III-R) and **insomnia** were randomly assigned to receive nefazodone (Days 1-7, 200 mg/day; Days 8-56... ..obtained at baseline, while patients were unmedicated, and at Weeks 2, 4, and 8 of **treatment**.

**Results:** In 43 evaluable patients (23 nefazodone, 20 fluoxetine), nefazodone and fluoxetine demonstrated similar antidepressant... ..REM and Stage 1 sleep, and REM latency compared with fluoxetine. Both fluoxetine- and nefazodone-**treated** patients also showed significant improvement in some clinician- and patient-rated sleep disturbance scores, but nefazodone-**treated** patients improved to a significantly greater extent than fluoxetine-**treated** patients in most measures.

**Conclusion:** While nefazodone and fluoxetine showed equivalent antidepressant efficacy, more objective, subjective, and clinician-rated measures of sleep disturbance were improved during

**treatment** with nefazodone than with fluoxetine. These results suggest that antidepressant effects of medications can occur...

**Identifiers--** ...REM-SLEEP; MAJOR **DEPRESSION**; IMIPRAMINE; PLACEBO; ANTIDEPRESSANT

**Research Fronts:** 95-2988 002 (NEFAZODONE **TREATMENT OF MAJOR DEPRESSION**; ANTIDEPRESSANT ACTION; NONLINEAR PHARMACOKINETICS; SEROTONIN UPTAKE INHIBITORS)

95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

32/3,K/84 (Item 15 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options

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05838372 **Genuine Article#:** XA697 **No. References:** 19

**A multicenter, double-blind comparison of the effects of nefazodone and fluoxetine on sleep architecture and quality of sleep in depressed outpatients**

**Author:** Armitage R (REPRINT) ; Yonkers K; Cole D; Rush AJ

**Corporate Source:** UNIV TEXAS,SW MED CTR, DEPT PSYCHIAT, 5323 HARRY HINES BLVD/DALLAS//TX/75235 (REPRINT)

**Journal:** JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY , 1997 , V 17 , N3 ( JUN ) , P 161-168

**ISSN:** 0271-0749 **Publication date:** 19970600

**Publisher:** WILLIAMS & WILKINS , 351 WEST CAMDEN ST, BALTIMORE, MD 21201-2436

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** ...clinician- and patient-rated sleep measures in 43 outpatients with moderate to severe, nonpsychotic major depressive disorder and insomnia. Twenty-two patients received nefazodone 200 mg daily for 1 week, followed by 400 mg... ..phase, while patients were unmedicated and symptomatic, and at weeks 2, 4, and 8 of treatment.

Nefazodone and fluoxetine were equally effective as antidepressants. However, compared with baseline, nefazodone increased sleep... ..increased REM sleep, decreased REM latency, and did not alter stage 1 sleep.

Differences between treatment groups, based on change from baseline, revealed greater sleep efficiency, fewer awakenings, less percent awake...

**Identifiers--** ...MAJOR DEPRESSION; REM-SLEEP; ANTIDEPRESSANT; PHARMACOLOGY; IMIPRAMINE; PLACEBO; DRUG

**Research Fronts:** 95-2988 002 (NEFAZODONE TREATMENT OF MAJOR DEPRESSION; ANTIDEPRESSANT ACTION; NONLINEAR PHARMACOKINETICS; SEROTONIN UPTAKE INHIBITORS) 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-6553 001 (PANIC DISORDER; MAJOR DEPRESSION; NUTRITIONAL THERAPY; YALE-BROWN OBSESSIVE-COMPULSIVE SCALE)

32/3,K/85 (Item 16 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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05829487 **Genuine Article#:** WY252 **No. References:** 35

**Effects of the seasons and of bright light administered at different times of day on sleep EEG and mood in patients with seasonal affective disorder**

**Author:** Palchikov VE (REPRINT) ; Zolotarev DY; Danilenko KV; Putilov AA

**Corporate Source:** RUSSIAN ACAD MED SCI, INST PHYSIOL, SIBERIAN BRANCH, 2 TIMAKOVA STR/NOVOSIBIRSK 630117//RUSSIA/ (REPRINT)

**Journal:** BIOLOGICAL RHYTHM RESEARCH , 1997 , V 28 , N2 ( MAY ) , P 166-184

**ISSN:** 0929-1016 **Publication date:** 19970500

**Publisher:** SWETS ZEITLINGER PUBLISHERS , P O BOX 825, 2160 SZ LISSE, NETHERLANDS

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** ...with and without seasonal affective disorder, winter type, before and after a week of light treatment (at either 0800-1000 h, 1600-1800 h or 1800-2000 h). Subsamples of 13... ..sleep structure in patients from the norm yields the sequence: spring -> summer -> winter after light treatment -> fall -> winter before light treatment. In winter before light treatment the total amounts and percentage of slow wave sleep were significantly lower in responders to... ..n=13) compared to both nonresponders (n=8) and controls (n=10), while following light treatment the difference disappeared. The reduced amounts of slow wave sleep in the depressive state predicted higher reduction and low posttreatment scores on psychiatric scales. Light treatment and summer season showed similar effects on patients' sleep: they caused an increase of slow... ..a decline of sleep stage 2. Our data do not suggest that time of light treatment is important to achieve an antidepressant effect. Moreover, phase shifting effects of light treatment and of changing season on sleep EEG were not considerable. At the same time, subjective... ..sleep results in the hypersomnia and may be considered as a trait marker of winter depression. An abnormal architecture of nonREM sleep appears to be a state marker of those patients...

**Identifiers--** ...THERAPY; DEPRESSION; PLACEBO

**Research Fronts:** 95-7261 002 (SEASONAL AFFECTIVE-DISORDER; LIGHT THERAPY; NONSEASONAL DEPRESSION)

95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-2328 001 (SLEEP EEG; MAJOR DEPRESSION; CHRONIC MILD STRESS-INDUCED ANHEDONIA MODEL)

32/3,K/86 (Item 17 from file: 34)

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SciSearch(R) Cited Ref Sci

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05754355 **Genuine Article#:** WV655 **No. References:** 45

**Corticotropin-releasing hormone inhibits melatonin secretion in healthy volunteers - A potential link to low-melatonin syndrome in depression?**

**Author:** Kellner M (REPRINT) ; Yassouridis A; Manz B; Steiger A; Holsboer F; Wiedemann K

**Corporate Source:** MAX PLANCK INST PSYCHIAT, INST CLIN, DEPT PSYCHIAT, KRAEPELINSTR 2-10/D-80804 MUNICH//GERMANY/ (REPRINT)

**Journal:** NEUROENDOCRINOLOGY , 1997 , V 65 , N4 ( APR ) , P 284-290

**ISSN:** 0028-3835 **Publication date:** 19970400

**Publisher:** KARGER , ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**...hormone inhibits melatonin secretion in healthy volunteers - A potential link to low-melatonin syndrome in depression?**

**Abstract:** ...secretion described as low-melatonin syndrome have been demonstrated in patients suffering from a major depressive episode, and an inhibitory factor on melatonin secretion has been postulated. We investigated whether corticotropin... ..ACTH), or placebo to simulate pulsatile hormone secretion. Plasma

melatonin and cortisol responses during the treatment and nocturnal sleep electroencephalograms after the treatment were recorded. Administration of CRH reduced melatonin secretion significantly below values obtained after administration of... ..enhanced by ACTH in comparison to both placebo and CRH. Electroencephalographic sleep parameters revealed no treatment effects. Our findings suggest that CRH has an inhibitory effect on the pineal secretion of... ..alterations mediating the adaptive response to stress and the eventual involvement in the pathogenesis of depression.

**Identifiers-- ...PITUITARY-ADRENAL AXIS; RAT PINEAL-GLAND; CORTISOL SECRETION; CIRCUMVENTRICULAR ORGANS; MAJOR DEPRESSION; PLASMA MELATONIN; SERUM MELATONIN; INVITRO; BRAIN; DISORDERS**

**Research Fronts: ...IN THE RAT PINEAL; FUNCTIONAL EXPRESSION)**

**95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)**

32/3,K/87 (Item 18 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options  
SciSearch(R) Cited Ref Sci

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05736674 **Genuine Article#:** WU383 **No. References:** 64

**Identifying an abnormal electroencephalographic sleep profile to characterize major depressive disorder**

**Author:** Thase ME (REPRINT) ; Kupfer DJ; Fasiczka AJ; Buysse DJ; Simons AD; Frank E

**Corporate Source:** UNIV PITTSBURGH,MED CTR, WESTERN PSYCHIAT INST & CLIN, SCH MED, DEPT PSYCHIAT, 3811 O HARA /PITTSBURGH//PA/15213 (REPRINT)

**Journal:** BIOLOGICAL PSYCHIATRY , 1997 , V 41 , N9 ( MAY 1 ) , P 964-973

**ISSN:** 0006-3223 **Publication date:** 19970501

**Publisher:** ELSEVIER SCIENCE INC , 655 AVENUE OF THE AMERICAS, NEW YORK, NY 10010

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Identifying an abnormal electroencephalographic sleep profile to characterize major depressive disorder**

**Abstract:** ...to the best definition of a categorically abnormal electroencephalographic (EEG) sleep profile to characterize major depressive disorder, Therefore, a series of classification, replication, and validation analyses were conducted to identify such... ..outpatients (n = 181) were utilized including subgroups of patients studied both before and after nonpharmacologic treatment with either cognitive behavior therapy (CBT) or interpersonal psychotherapy (IPT). A discriminant index score (based on reduced REM latency increased ...

**Identifiers-- ...COGNITIVE-BEHAVIOR-THERAPY; EYE-MOVEMENT LATENCY; EEG SLEEP; ENDOGENOUS-DEPRESSION; DEXAMETHASONE SUPPRESSION; PSYCHIATRIC-DISORDERS; BIOLOGICAL MARKERS; TREATMENT RESPONSE; REM LATENCY; HIGH-RISK**

**Research Fronts: 95-5481 002 (UNIPOLAR MAJOR DEPRESSION; BIPOLAR DISORDER; VIOLENCE IN SCHIZOPHRENIA; CLINICAL OUTCOME COMPARISONS)**

**95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)**

**95-2171 001 (DEPRESSIVE SYMPTOMS; BECK ANXIETY INVENTORY; DIMENSIONS OF DYSFUNCTIONAL ATTITUDES; INTERPERSONAL DEPENDENCY; AUTONOMY SCALES; CHILD NEGATIVE AFFECT)**

**95-2328 001 (SLEEP EEG; MAJOR DEPRESSION; CHRONIC MILD STRESS-INDUCED ANHEDONIA MODEL)**

**95-5480 001 (NEGATIVE SYMPTOMS IN SCHIZOPHRENIA; FUNCTIONING SCALE; MAJOR**



**DEPRESSION; BRAIN MORPHOLOGY)**

**95-6553 001 (PANIC DISORDER; MAJOR DEPRESSION; NUTRITIONAL THERAPY; YALE-BROWN OBSESSIVE-COMPULSIVE SCALE)**

32/3,K/88 (Item 19 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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05627006 **Genuine Article#:** WL688 **No. References:** 26

**BPRS symptom factors and sleep variables in schizophrenia**

**Author:** Zarcone VP (REPRINT) ; Benson KL

**Corporate Source:** DEPT VET AFFAIRS,PALO ALTO HLTH CARE SYST, PSYCHIAT SERV, 3801 MIRANDA AVE/PALO ALTO//CA/94304 (REPRINT); STANFORD UNIV,SCH MED, DEPT PSYCHIAT & BEHAV SCI/STANFORD//CA/94305

**Journal:** PSYCHIATRY RESEARCH , 1997 , V 66 , N2-3 ( FEB 7 ) , P 111-120

**ISSN:** 0165-1781 **Publication date:** 19970207

**Publisher:** ELSEVIER SCI IRELAND LTD , CUSTOMER RELATIONS MANAGER, BAY 15, SHANNON INDUSTRIAL ESTATE CO, CLARE, IRELAND

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** ...BPRS). Four BPRS sub-factors, i.e., 'Thinking Disturbance', 'Withdrawal/Retardation', 'Hostility/Suspiciousness', and 'Anxiety/ Depression' were correlated with five components of sleep architecture, namely, sleep onset latency, total sleep time...

**Identifiers--** ...SLOW-WAVE SLEEP; ELECTROENCEPHALOGRAPHIC SLEEP; NEUROLEPTIC TREATMENT; NEGATIVE SYMPTOMS; ABNORMALITIES; YOUNG

**Research Fronts:** 95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-1006 001 (NEGATIVE SYMPTOMS OF SCHIZOPHRENIA; WISCONSIN CARD SORTING TEST DIMENSIONS... ..BRAIN VOLUMES)

95-1713 001 (NEGATIVE SYMPTOMS OF SCHIZOPHRENIA; RISPERIDONE IN TARDIVE-DYSKINESIA; ACUTE NEUROLEPTIC TREATMENT; PLACEBO-CONTROLLED TRIAL; CLINICAL EFFICACY)

32/3,K/89 (Item 20 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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05554134 **Genuine Article#:** WF895 **No. References:** 46

**Polysomnographic studies in patients referred for ECT: Pre-ECT studies**

**Author:** Grunhaus L (REPRINT) ; Shipley JE; Eiser A; Pande AC; Tandon R; Remen A; Greden JF

**Corporate Source:** CHAIM SHEBA MED CTR,DEPT PSYCHIAT/IL-52621 TEL HASHOMER//ISRAEL/ (REPRINT); UNIV MICHIGAN,MED CTR, DEPT PSYCHIAT/ANN ARBOR//MI/48109

**Journal:** CONVULSIVE THERAPY , 1996 , V 12 , N4 ( DEC ) , P 224-231

**ISSN:** 0749-8055 **Publication date:** 19961200

**Publisher:** LIPPINCOTT-RAVEN PUBL , 227 EAST WASHINGTON SQ, PHILADELPHIA, PA 19106

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Abstract:** Forty-one patients referred for electroconvulsive therapy (ECT) were evaluated with a standardized clinical protocol and had polysomnographic studies performed pre-ECT after... by blind investigators and included the Research Diagnostic Criteria and the Hamilton Rating Scale for Depression (HRSD). Patients were categorized according to the clinical response. Thirty patients (73%) reached a post...

**Identifiers--** ...REM LATENCY; ELECTROCONVULSIVE-THERAPY; EEG SLEEP; ELECTROENCEPHALOGRAPHIC SLEEP; RECURRENT DEPRESSION; ELECTRODE PLACEMENT; AFFECTIVE-ILLNESS; NORTRIPTYLINE; PREDICTOR; REVISIT

**Research Fronts:** 95-0136 003 (SEIZURE THRESHOLD IN ELECTROCONVULSIVE-THERAPY; UNILATERAL ECT; GERIATRIC UNIPOLAR DEPRESSION)

95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-2328 001 (SLEEP EEG; MAJOR DEPRESSION; CHRONIC MILD STRESS-INDUCED ANHEDONIA MODEL)

95-5481 001 (UNIPOLAR MAJOR DEPRESSION; BIPOLAR DISORDER; VIOLENCE IN SCHIZOPHRENIA; CLINICAL OUTCOME COMPARISONS)

32/3,K/90 (Item 21 from file: 34)

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05524329 **Genuine Article#:** WE342 **No. References:** 34

**First-night-effects on generalized anxiety disorder (GAD)-based insomnia: Laboratory versus home sleep recordings**

**Author:** Saletu B (REPRINT) ; Klosch G; Gruber G; Anderer P; Udomratn P; Frey R

**Corporate Source:** UNIV VIENNA,DEPT PSYCHIAT, SCH MED, WAHRINGER GURTEL 18-20/A-1090 VIENNA//AUSTRIA/ (REPRINT); PRINCE SONGKLA UNIV,FAC MED, DEPT PSYCHIAT/SONGKHLA//THAILAND/

**Journal:** SLEEP , 1996 , V 19 , N9 ( NOV ) , P 691-697

**ISSN:** 0161-8105 **Publication date:** 19961100

**Publisher:** AMER SLEEP DISORDERS ASSOC , 1610-14TH STREET NW SUITE 300, ROCHESTER, MN 55806

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**First-night-effects on generalized anxiety disorder (GAD)-based insomnia: Laboratory versus home sleep recordings...**

**Identifiers--** ...DEPRESSION; DIMS

**Research Fronts:** 95-0349 002 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; CARDIAC AUTONOMIC FUNCTION)

95-6553 001 (PANIC DISORDER; MAJOR DEPRESSION; NUTRITIONAL THERAPY; YALE-BROWN OBSESSIVE-COMPULSIVE SCALE)

32/3,K/91 (Item 22 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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05510375 **Genuine Article#:** WD208 **No. References:** 30

**Biological predictors of suicidality in schizophrenia**

**Author:** Lewis CF; Tandon R (REPRINT) ; Shipley JE; DeQuardo JR; Jibson M; Taylor SF ; Goldman M

**Corporate Source:** UNIV MICHIGAN,MED CTR, DIV SCHIZOPHRENIA/ANN ARBOR//MI/48109

(REPRINT); UNIV MICHIGAN,MED CTR, DIV SCHIZOPHRENIA/ANN ARBOR//MI/48109

**Journal:** ACTA PSYCHIATRICA SCANDINAVICA , 1996 , V 94 , N6 ( DEC ) , P 416-420

**ISSN:** 0001-690X **Publication date:** 19961200

**Publisher:** MUNKSGAARD INT PUBL LTD , 35 NORRE SOGADE, PO BOX 2148, DK-1016 COPENHAGEN, DENMARK

**Language:** English **Document Type:** ARTICLE ( ABSTRACT AVAILABLE )

**Identifiers--** ...NEUROLEPTIC TREATMENT; SLEEP ABNORMALITIES; NEGATIVE SYMPTOMS;

**DEPRESSION;** 5-HIAA; RISK

**Research Fronts:** 95-5481 002 (UNIPOLAR MAJOR **DEPRESSION;** BIPOLAR DISORDER; VIOLENCE IN SCHIZOPHRENIA; CLINICAL OUTCOME COMPARISONS)

95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS **POSITIVE AIRWAY PRESSURE;** CARDIAC AUTONOMIC FUNCTION)

95-1006 001 (NEGATIVE SYMPTOMS OF SCHIZOPHRENIA; WISCONSIN CARD SORTING TEST DIMENSIONS... ..PERSONALITY-DISORDER)

95-1713 001 (NEGATIVE SYMPTOMS OF SCHIZOPHRENIA; RISPERIDONE IN TARDIVE-DYSKINESIA; ACUTE NEUROLEPTIC **TREATMENT;** PLACEBO-CONTROLLED TRIAL; CLINICAL EFFICACY)

32/3,K/92 (Item 23 from file: 34)

Fulltext available through: USPTO Full Text Retrieval Options

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05469238 **Genuine Article#:** WA890 **No. References:** 43

**A DOUBLE-BLIND, PLACEBO-CONTROLLED EVALUATION OF THE EFFECTS OF ORALLY-ADMINISTERED VENLAFAXINE ON SLEEP IN INPATIENTS WITH MAJOR DEPRESSION**

**Author:** LUTHRINGER R; TOUSSAINT M; SCHALTENBRAND N; BAILEY P; DANJOU PG; HACKETT D; GUICHOUX JY; MACHER JP

**Corporate Source:** CTR HOSP,SERV DOCTEUR JEAN PAUL MACHER/F-68250 ROUFFACH//FRANCE/; FORENAP,INST RES NEUROSCI & PSYCHIAT/F-68250 ROUFFACH//FRANCE/; WYETH AYERST RES/F-92031 PARIS//FRANCE/

**Journal:** PSYCHOPHARMACOLOGY BULLETIN , 1996 , V 32 , N4 , P 637-646

**ISSN:** 0048-5764

**Language:** ENGLISH **Document Type:** ARTICLE ( Abstract Available )

**...CONTROLLED EVALUATION OF THE EFFECTS OF ORALLY-ADMINISTERED VENLAFAXINE ON SLEEP IN INPATIENTS WITH MAJOR DEPRESSION**

**Abstract:** ...dopamine (in decreasing order of potency) at doses of 75 to 375 mg per day.

Depression and antidepressant drugs are known to modify human sleep patterns. Our objective in this double... ..hypnographic and all-night electroencephalographic [EEG] spectral analysis) and clinical measures (Hamilton Rating Scale for Depression [HAM-D], Montgomery-Asberg Depression Rating Scale [MADRS], and Clinical Global Impressions [CGI]) in inpatients with major depression (DSM-III-R).

Following a 7- to 13-day placebo washout period, patients were randomly... ..at baseline (3 nights immediately before entering the double-blind phase), after 1 week of treatment, and after 1 month of treatment. Sleep stage parameters and all-night spectral parameters were first tested by analysis of variance... ..Student t-test.

The results on psychiatric rating scales showed improvement from baseline in both treatment groups at all time points, with improvement tending to be greater in the venlafaxine group... ..REM sleep duration. All-night sleep EEG frequency structure was not modified significantly by venlafaxine treatment as compared with placebo.

In conclusion, venlafaxine, despite its novel chemical structure, shows a sleep...  
Research Fronts: 95-2988 002 (NEFAZODONE TREATMENT OF MAJOR DEPRESSION;  
ANTIDEPRESSANT ACTION; NONLINEAR PHARMACOKINETICS; SEROTONIN UPTAKE  
INHIBITORS)  
95-0349 001 (MULTIPLE SLEEP LATENCY TEST; NASAL CONTINUOUS POSITIVE AIRWAY  
PRESSURE; CARDIAC AUTONOMIC FUNCTION)  
95-3051 001 (SLEEP EEG; CIRCADIAN TEMPERATURE RHYTHMS; BRAIN ENERGY-  
METABOLISM)  
95... ..PARALLEL IMPLEMENTATION; ACCRETION DISC BOUNDARY-LAYERS; REAL PHASE  
OBJECTS)  
95-6553 001 (PANIC DISORDER; MAJOR DEPRESSION; NUTRITIONAL THERAPY; YALE-BROWN  
OBSESSIVE-COMPULSIVE SCALE)

32/3,K/93 (Item 24 from file: 34)

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04975096 Genuine Article#: UW581 No. References: 63  
NEW APPROACHES TO ACUTE LUNG INJURY

**Author:** BIGATELLO LM; ZAPOL WM

**Corporate Source:** HARVARD UNIV,SCH MED/BOSTON//MA/02114; MASSACHUSETTS GEN  
HOSP/BOSTON//MA/02114

**Journal:** BRITISH JOURNAL OF ANAESTHESIA , 1996 , V 77 , N1 ( JUL ) , P 99-109

**ISSN:** 0007-0912

**Language:** ENGLISH **Document Type:** ARTICLE

**Research Fronts:** ...LIFE-SUPPORT; MANAGEMENT OF ARDS)

94-2576 002 (CRITICALLY ILL; OXYGEN DELIVERY; MULTIPLE ORGAN FAILURE; GASTRIC  
INTRAMUCOSAL PH MONITORING; SEPTIC SHOCK; GUT MUCOSAL HYPOPERFUSION)

94-4885 002 (INHALED NITRIC-OXIDE; TREATMENT OF ACUTE PULMONARY-HYPERTENSION;  
VENTILATION-PERFUSION DISTRIBUTIONS IN CANINE LUNG INJURY)

94-6054 002 (MECHANICAL VENTILATION; CONTINUOUS POSITIVE AIRWAY PRESSURE; CHRONIC

OBSTRUCTIVE PULMONARY-DISEASE; RESPIRATORY SYSTEM RESISTANCE; INTRINSIC PEEP)  
94-5792 001 (SELECTIVE DECONTAMINATION; NOSOCOMIAL...

32/3,K/94 (Item 25 from file: 34)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

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04486800 Genuine Article#: TG530 No. References:

1194

## **PRACTICE PARAMETERS FOR THE DIAGNOSIS AND TREATMENT OF ASTHMA - PREFACE**

**Author:** SPECTOR SL; NICKLAS RA; BERNSTEIN IL; BLESSINGMOORE J; STRUNK RC; GUTMAN AA ;  
PEARLMAN DS; LEE RE; FINEMAN S; GREEN R; HENDELES L; LOWENTHAL M; SAAVEDRADELGADO  
AM

**Journal:** JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY , 1995 , V 96 , N5 ( NOV ) , P 707-870  
**ISSN:** 0091-6749

**Language:** ENGLISH **Document Type:** REVIEW

## **PRACTICE PARAMETERS FOR THE DIAGNOSIS AND TREATMENT OF ASTHMA - PREFACE**

**Research Fronts:** ...003 (ALLERGEN SKIN TESTING; MULTITEST DEVICE; CUTOFF VALUES)

93-0524 002 (STEROID-RESISTANT ASTHMA; IMMUNOSUPPRESSIVE THERAPY; CHRONIC  
OBSTRUCTIVE PULMONARY-DISEASE)

93-0617 002 (CONVENTIONAL METERED-DOSE INHALER; PARTICLE DEPOSITION IN AIRWAY...

...93-0160 001 (ATTENTION-DEFICIT HYPERACTIVITY DISORDER; COMMUNITY MENTAL-  
HEALTH SYSTEM FOR CHILDREN; DIAGNOSTIC COMORBIDITY; DEPRESSION DURING  
ADOLESCENCE)

93-0204 001 (FUNCTIONAL ENDOSCOPIC SINUS SURGERY; SINONASAL FUNGAL DISEASE;  
PREOPERATIVE IMAGING ANATOMY OF NASAL-ETHMOID COMPLEX)

93-0339 001 (RESPIRATORY SYNCYTIAL VIRUS; TREATMENT OF ACUTE BRONCHIOLITIS;  
STRUCTURAL DIFFERENCE IN THE FUSION PROTEIN)

93-0506 001 (DEEP-VEIN THROMBOSIS; LOW-MOLECULAR-WEIGHT HEPARINS; ORAL  
ANTICOAGULANT- THERAPY; VENOUS THROMBOEMBOLIC DISEASE; SUSPECTED ACUTE  
PULMONARY-EMBOLISM)

93-0565 001 (BRONCHOPULMONARY DYSPLASIA; SURFACTANT THERAPY FOR NEONATAL  
RESPIRATORY-DISTRESS SYNDROME; PRETERM INFANTS; CHRONIC LUNG-DISEASE)

93-0599 001 (BRONCHIOLITIS OBLITERANS... ...COMMUNITY-ACQUIRED PNEUMONIA; PAST  
INFECTION; GENERAL CHLAMYDIA POLYMERASE CHAIN-REACTION)

93-3428 001 (NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE; RIGHT ATRIAL VENOUS  
OXYGEN-SATURATION; PULMONARY HEMODYNAMIC CONSEQUENCES OF ECG-  
SYNCHRONIZED VENTILATION)

93-3843 001... ...RESPONSIVENESS; BRONCHIAL HYPERRESPONSIVENESS; BRONCHOALVEOLAR  
LAVAGE FLUID; METHACHOLINE INHALATION CHALLENGE; INHALED BRADYKININ)

93-4627 001 (FLUCONAZOLE THERAPY; TERFENADINE-KETOCONAZOLE INTERACTION;  
CLINICAL PHARMACOKINETICS; ELECTROCARDIOGRAPHIC CONSEQUENCES)

93-5975 001 (NEDOCROMIL SODIUM; TREATMENT OF SEASONAL ALLERGIC CONJUNCTIVITIS;  
THERAPEUTIC EFFICACY IN ASTHMA)

**93-6274 001 (ASTHMA MANAGEMENT; INHALED BUDESONIDE; PITUITARY-ADRENAL-FUNCTION IN CHILDREN)**

**93-6383 001 (THEOPHYLLINE ABSORPTION; SUSTAINED-RELEASE FORMULATION; GASTRIC -EMPTYING RATE)**

32/3,K/95 (Item 26 from file: 34)

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03397761 **Genuine Article#:** PC341 **No. References:** 31

**STACKED INSPIRATORY SPIROMETRY REDUCES PULMONARY SHUNT IN PATIENTS AFTER CORONARY-ARTERY BYPASS**

**Author:** STRIDER D; TURNER D; EGLOFF MB; BURNS SM; TRUWIT JD

**Corporate Source:** UNIV VIRGINIA,HLTH SCI CTR/CHARLOTTESVILLE//VA/00000

**Journal:** CHEST , 1994 , V 106 , N2 ( AUG ) , P 391-395

**ISSN:** 0012-3692

**Language:** ENGLISH **Document Type:** ARTICLE ( Abstract Available )

**Identifiers--** ...**POSITIVE AIRWAY PRESSURE**; POSTOPERATIVE ATELECTASIS; INCENTIVE SPIROMETRY; ABDOMINAL-SURGERY; BREATH-STACKING; CARDIAC-SURGERY; LUNG-FUNCTION; COMPLICATIONS; PREVENTION; **THERAPY**

**Research Fronts:** 92-0974 001 (NOSOCOMIAL PNEUMONIA IN THE INTENSIVE-CARE UNIT; SELECTIVE DECONTAMINATION; UNCERTAIN RELEVANCE OF **GASTRIC COLONIZATION**)

32/3,K/96 (Item 27 from file: 34)

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01318743 **Genuine Article#:** GN722 **No. References:** 27

**PRESSURE SUPPORT VENTILATION WITH A SIMPLIFIED VENTILATORY SUPPORT SYSTEM ADMINISTERED WITH A NASAL MASK IN PATIENTS WITH RESPIRATORY-FAILURE**

**Author:** PENNOCK BE; KAPLAN PD; CARLIN BW; SABANGAN JS; MAGOVERN JA

**Corporate Source:** ALLEGHENY GEN HOSP,MED COLL PENN,DEPT MED,DIV PULM,WESTERN

CAMPUS,320 E NORTH AVE/PITTSBURGH//PA/15212; ALLEGHENY GEN HOSP,MED COLL PENN,DEPT SURG/PITTSBURGH//PA/15212

**Journal:** CHEST , 1991 , V 100 , N5 , P 1371-1376

**Language:** ENGLISH **Document Type:** ARTICLE ( Abstract Available )

**Abstract:** Thirty-one consecutive patients with respiratory failure in whom **treatment** with intubation and mechanical ventilation was being strongly considered received alternative ventilatory support by means... ..of respiratory failure, avoiding alternative mechanical ventilatory support. There were no complications associated with aspiration, **gastric** distention, or acute separation from support.

**Identifiers--** ...**POSITIVE AIRWAY PRESSURE**; FACE MASK; **CPAP**; INTUBATION; DISEASE; INSUFFICIENCY; MANAGEMENT; EFFICACY; SLEEP

32/3,K/97 (Item 1 from file: 144)

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Pascal

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15989363 PASCAL No.: 03-0134350

To breathe, perchance to sleep: Sleep-disordered breathing and chronic **insomnia** among trauma survivors

KRAKOW Barry; MELENDREZ Dominic; WARNER Teddy D; DORIN Richard  
; HARPER Ronald; HOLLIFIELD Michael

Sleep and Human Health Institute, Albuquerque, New Mexico, United States;  
University of New Mexico Health Sciences Center, Albuquerque, New Mexico,  
United States; Department of Psychiatry, University of New Mexico School of  
Medicine, Albuquerque, New Mexico, United States; Department of Emergency  
Medicine, University of New Mexico School of Medicine, Albuquerque, New  
Mexico, United States; Department of Medicine and Biochemistry/Molecular  
Biology, University of New Mexico School of Medicine, Albuquerque, New  
Mexico, United States; New Mexico Veterans Administration Healthcare System  
, Albuquerque, New Mexico, United States; Department of Neurobiology,  
School of Medicine, University of California Los Angeles, United States;  
Department of Family and Community Medicine, University of New Mexico  
School of Medicine, Albuquerque, New Mexico, United States

Journal: Sleep & breathing, 2002  
, 6 (4) 189-202

Language: English

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To breathe, perchance to sleep: Sleep-disordered breathing and chronic **insomnia** among trauma survivors

... disorder (PTSD) sleep problems to manifest as primary, physical disorders, requiring independent medical assessments and **therapies**. This paradigm may limit understanding of sleep problems in PTSD by promulgating such terms as "**insomnia** related to another mental disorder," a.k.a. "psychiatric **insomnia**." Emerging evidence invites a broader comorbidity perspective, based on recent findings that post-traumatic sleep disturbance frequently manifests with the combination of **insomnia** and a higher-than-expected prevalence of sleep-disordered breathing (SDB). In this model of...

... and related psychiatric distress; and this relationship appears very important as demonstrated by improvement in **insomnia**, nightmares, and post-traumatic stress with successful SDB **treatment**, independent of psychiatric interventions. Continuous **positive airway**

**pressure treatment** in PTSD patients with SDB reduced electroencephalographic arousals and **sleep fragmentation**, which are usually attributed to central nervous system or psychophysiological processes. Related findings and clinical experience suggest that other types of chronic **insomnia** may also be related to SDB. We hypothesize that an arousal-based mechanism, perhaps initiated by post-traumatic stress and/or chronic **insomnia**, may promote the development of SDB in a trauma survivor and perhaps other patients with chronic **insomnia**. We discuss potential neurohormonal pathways and neuroanatomical sites that may be involved in this proposed interaction between **insomnia** and SDB.

English Descriptors: Trauma; **Insomnia**; Sleep disorder; Posttraumatic syndrome; Human

32/3,K/98 (Item 2 from file: 144)

Fulltext available through: [ScienceDirect](#)

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14837815 PASCAL No.: 00-0521521

Respiratory **depression** under long-term sedation with sufentanil, midazolam and clonidine has no clinical significance

PRAUSE Axel; WAPPLER Frank; SCHOLZ Jens; BAUSE Hanswerner;  
SCHULTE AM ESCH Jochen

Abt. f. Anaesthesiologie und operative Intensivmedizin, Allgemeines Krankenhaus Altona, Paul-Ehrlich-Strasse 1, Postfach 50 01 21, 22701 Hamburg, Germany; Department of Anaesthesiology, University Hospital Eppendorf, 20246 Hamburg, Germany

Journal: Intensive care medicine, 2000  
, 26 (10) 1454-1461

Language: English

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Respiratory **depression** under long-term sedation with sufentanil, midazolam and clonidine has no clinical significance

Objective: Assessment of respiratory **depression** caused by long-term sedation with sufentanil, midazolam and clonidine. Design: Retrospective assessment using data...



... pressure of carbon dioxide (PCO SUB 2 ) was evaluated during mechanically assisted spontaneous ventilation (continuous **positive airway pressure** , synchronised intermittent mandatory ventilation, mandatory minute ventilation, bilevel **positive airway pressure** ). Continuous sedation with sufentanil, midazolam or clonidine or a combination of those drugs was administered...

...with sufentanil exhibit a statistically significant rise in arterial PCO SUB 2 , however this respiratory **depression** is only slight and has no clinical significance. Mechanically assisted spontaneous ventilation modes can safely...

English Descriptors: Sufentanil; Sedation; Chemotherapy; Midazolam; Sedative; **Treatment**; Clonidine; alpha -Adrenergic receptor agonist; Long term; Respiratory **depression**; Intensive care unit; Secondary effect; Human; Opiates; Benzodiazepine derivatives

French Descriptors: Sufentanil; Sedation; Chimiotherapie; Midazolam; Sedatif; Traitement; Clonidine; Stimulant alpha -adrenergique; Long terme; **Depression** respiratoire; Unite soin intensif; Effet secondaire; Homme; Opiaces; Benzodiazepine derive; Imidazoline derive

? d s

Set	Items	Description
S1	16010625	S TREATMENT? ? OR THERAP??? OR THERAPEUT? OR TREAT???
S2	23843	S POSITIVE()AIRWAY()PRESSURE OR CPAP
S3	16380	S S1 AND S2
S4	5605	S S3 NOT APNEA NOT APNOEA
S5	225978	S (JOINT? ? OR MENSTRUAL OR PREMENSTRUAL OR PRE()MENSTRUAL OR MUSCLE? ? OR MUSCULAR? OR ABDOMEN? OR ABDOMIN? OR MIGRAINE? OR TENSION?)(5N)(HEADACHE? ? OR PAIN? ? OR TENDERNESS? OR URGEN?)
S6	5	S S4 AND S5
S7	21366	S CHRONIC()FATIGUE? OR CFS
S8	2	S S4 AND S7
S9	1611	S SOMATIC?(2N)SYNDROME?

S10	0	S S4 AND S9
S11	29333	S IRRITABLE()BOWEL? OR IBS
S12	1	S S4 AND S11
S13	49023	S INSOMNIA? OR SLEEP?(5N)FRAGMENT?
S14	65	S S4 AND S13
S15	4083	S BRUXISM
S16	2	S S4 AND S15
S17	248444	S DIARRHEA
S18	3	S S4 AND S17
S19	843109	S DEPRESSION OR DEPRESSIVE?
S20	67	S S4 AND S19
S21	1498	S ORTHOSTAT?(4N)SYNCOPE?
S22	0	S S4 AND S21
S23	1047	S (ALPHA()DELTA OR AD)(2N)SLEEP
S24	2	S S4 AND S23
S25	18492	S HEARTBURN OR ACID()REFLUX?
S26	630814	S GASTRIC?
S27	68	S S4 AND (S25 OR S26)
S28	197	S S6 OR S8 OR S12 OR S14 OR S16 OR S18 OR S20 OR S24 OR
S27		
S29	126	RD (unique items)
S30	28	S S29/2004-2007
S31	98	S S29 NOT S30
S32	98	S S31 NOT APNEA

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